

Special Publication SJ 90-SP5

ANNUAL REPORT ON
ABANDONED ARTESIAN WELLS
1989

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St. Johns River Water Management District
Palatka, Florida
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INTRODUCTION

Uncontrolled or improperly constructed artesian wells have a major effect on the quality and quantity of Florida's ground water resources. Thousands of wells have been drilled that do not meet current well construction standards and should be abandoned because of problems associated with these poor construction techniques. In addition to the poor construction, many of these wells were drilled some time ago and the poor water quality has caused corrosion of the casing and subsequent leaking. In some cases, the flow has reduced the potentiometric surface, which has increased the potential for mineralized water to contaminate the potable water supplies.

In the St. Johns River Water Management District (SJRWMD), the Floridan aquifer is the source of artesian flow for these wells. This aquifer is composed of limestone units overlain by the confining clays of the Hawthorn Group.

SJRWMD has an inventory of 515 abandoned artesian wells that need to be controlled. Flows measured or estimated from 107 of these wells account for approximately 13.4 million gallons per day (mgd) of water that is wasted. An additional 49 mgd is estimated to flow from the remaining inventoried wells, based on an average

flow of .12 mgd per well for 408 wells. The .12 mgd flow per well is an arithmetic average of the flow from all measured wells.

To date, the well plugging program has provided for the plugging or reconstruction of 455 wells, thereby saving 79 mgd.

PURPOSE

This document was prepared to comply with the requirements of Part IV of the "Water Quality Act of 1983." It is the seventh annual report to the Department of Environmental Regulation (DER) on the SJRWMD abandoned artesian well inventory and work plan for controlling or plugging inventoried wells. Appendix A shows the format for this report provided by DER. This report was also prepared for public distribution.

HISTORICAL REVIEW--LEGISLATION AND POLICIES

In the early 1950s, severe drought conditions prompted regulations to be passed to prevent the waste of water from flowing wells. Sections 373.051-.055 Florida Statutes (1953), required that working valves or caps be installed on all free flowing wells. In 1957, the legislature adopted Sections 373.021-.061, F.S., which provided for the plugging of all artesian wells that were in violation of the law. Until 1972, the regulation and control of abandoned artesian wells was minimal. Beginning in 1972, when the Florida Legislature established five water management districts, the rules covering abandoned artesian wells were to be enforced by the districts through DER.

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 DER by January 1, 1983 and an annual report sent in each succeeding year until all the wells were plugged or until 1992.

SJRWMD began plugging wells in 1976. This began as a cooperative program with the Agricultural Stabilization and Conservation Services (ASCS) to improve water quality in irrigation wells. This program consisted of partially backfilling wells that had been drilled too deep. SJRWMD provided technical assistance while well owners shared plugging costs with the 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 program has been renewed each year since and has resulted in 238 wells being plugged or reconstructed.

In 1986, SJRWMD initiated a cost share for wells outside of Brevard County (Appendix D). Under this policy, a well owner pays one-half of the cost of plugging a well up to a maximum of \$600.

In 1988, SJRWMD and the Seminole Soil and Water Conservation District (SSWCD) signed a cooperative agreement for plugging or repairing wells in Seminole County (Appendix C). Funding for the SSWCD share is provided through a Soil and Water Action Project (SWAP) funded through the Florida Department of Agriculture and

Consumer Services. There is no cost to the individual well owner. Of an inventory of over 200 wells, 107 wells in Seminole County have been plugged or repaired.

THE WELL PLUGGING PROGRAM

INVENTORY

Initially the Florida Geological Survey (Hendry & Lavender 1957) estimated 715 free-flowing wells in the SJRWMD. The U.S. Geological Survey (Healy 1978) estimated approximately 5,000 abandoned artesian wells in the SJRWMD (Figure 1). The current 1989 SJRWMD inventory includes 970 wells, of which 455 have been plugged or repaired (Figure 2). The inventory is an ongoing process and includes reports from other agencies, citizens, and routine field work. Though numbers may vary, all estimates indicate that the majority of the wells are located in the southern half of the district. This area of the SJRWMD contains the largest area of artesian flow and the highest concentration of agricultural land.

A well is included on the inventory if it meets any of the conditions set forth in subsection 3, Section 373.203, F.S., as listed below:

373.203 Definitions

- (3) "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 mg/l 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 a proper flow control on or below the land surface.

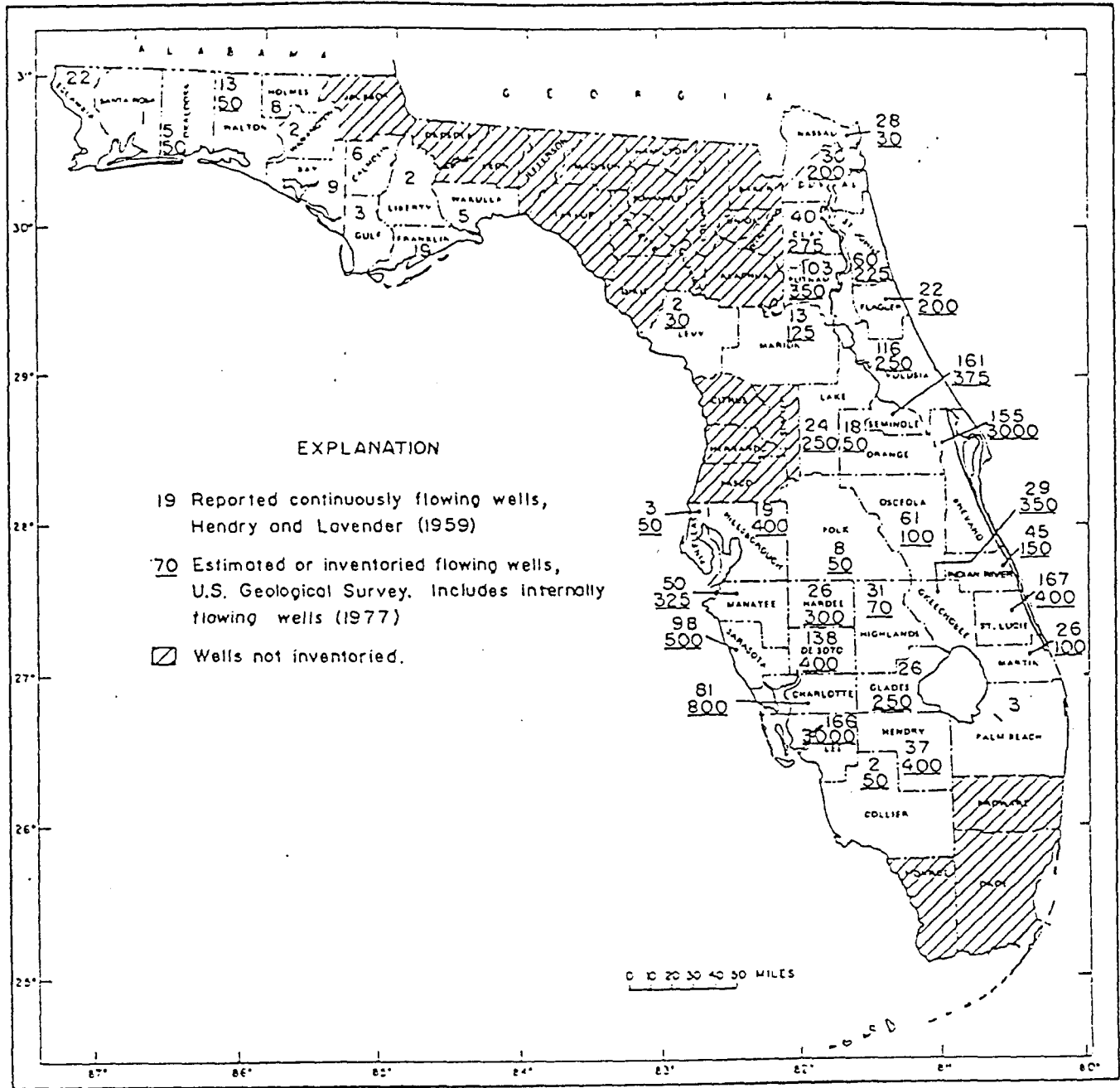


Figure 1. Number of free flowing wells in each county (Healy 1978)

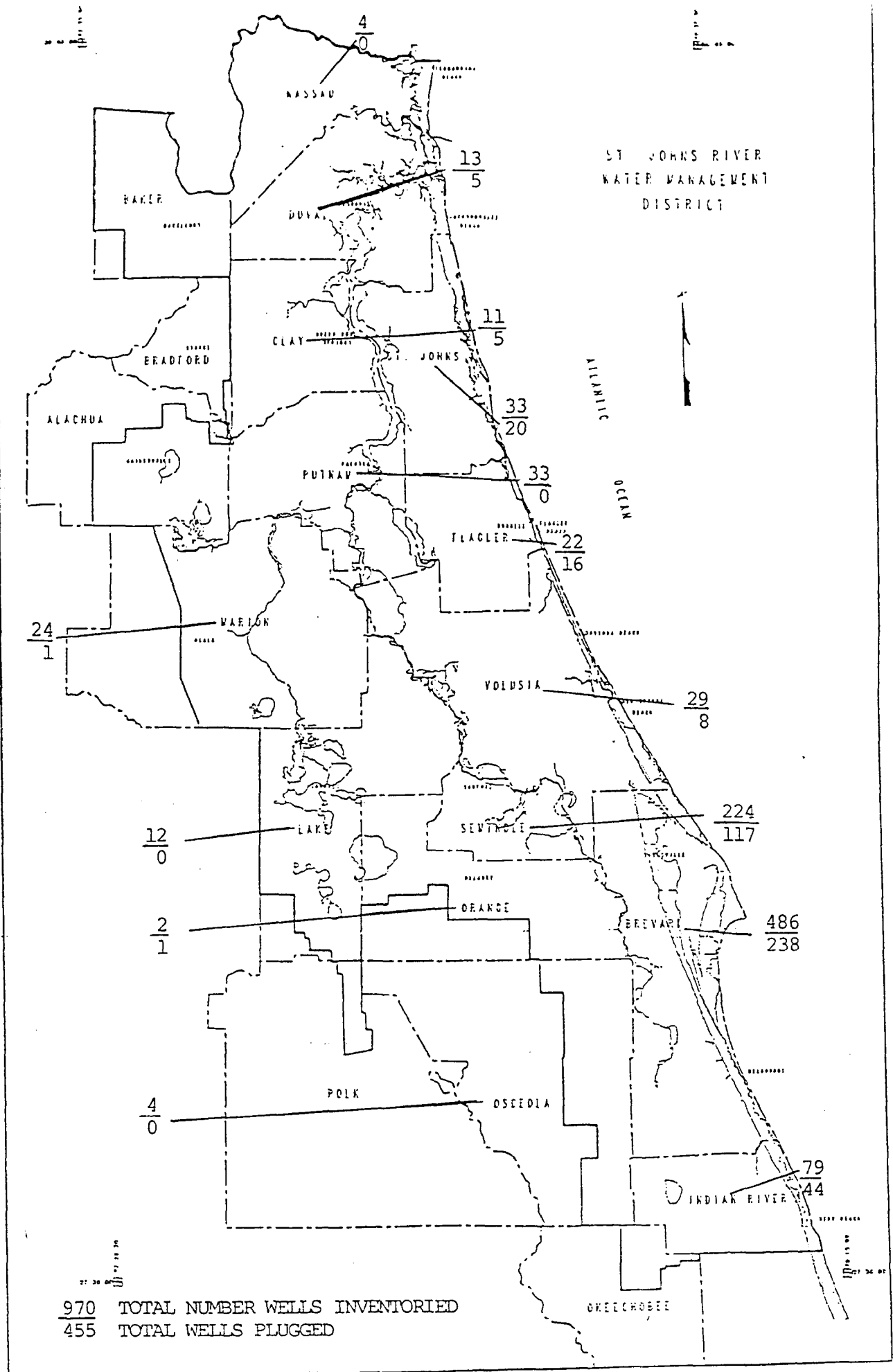


Figure 2. Current SJRWMD inventory

The inventory records of free-flowing wells are entered into the SJRWMD computer data base. There are currently 970 wells listed in this file. By using this system information concerning location, construction details, water quality, owner's name, and general comments can be accessed and put in report form. A paper file is also kept for each well that includes a photograph and a detailed map to the site.

PRIORITY

A priority system has been established in the SJRWMD well plugging program to rank groups of wells according to the impact of the wells on the water resources of the area. The criteria considered when grouping wells include: the quality of water being discharged or involved in interaquifer flow, the quantity of the water, the well construction, and the physical condition of the well. When specific hydrogeologic information is evaluated for a particular well or group of wells, the wells are prioritized accordingly. SJRWMD has identified and ranked eight groups, with 1 being the highest priority and 8 being the lowest priority.

1. Good quality water in limited supply with no recharge (an isolated lens of fresh water).
2. Good quality water in large supply with no recharge.
3. Good quality water in limited supply with recharge.
4. Poor quality water contaminating fresh, shallow aquifers (areas dependent on shallow aquifers for potable water supply will have higher priority).

5. Poor quality water directly contaminating fresh surface water bodies (areas that exhibit rapidly increasing chloride levels will have higher priority).
6. Good quality water in large supply with recharge.
7. Poor quality water contaminating shallow aquifers exhibiting high chloride levels.
8. Poor quality water directly contaminating brackish or salt water surface water bodies.

PLUGGING METHODOLOGY

The various legal, technical, and financial aspects of the particular project are discussed with the owners to determine the best course of action. Options are considered based on available financing, the goals of the program, and opposition to the project. Contract documents, cooperative agreements, and permitting requirements are handled as needed (Appendix C).

Specifications for plugging the wells are developed based on current rules (SJRWMD Rules, Chapter 40C-3, revised edition) and the hydrogeologic setting of the well. This information is used to determine what type plug will be necessary. The evaluation includes the following:

- o The location of aquifers and confining units
- o Construction details of the well, including cased depth and total depth
- o Present conditions of the well as determined from geophysical logs or by running drill rod or tremie pipe

to the bottom of the well

o The ambient water quality

From the analysis of the geophysical logs, one or a combination of the following plugging methods are generally used:

1. Valves or Caps--When the well does not present any water quality problems or 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.
2. Backfilling--This is generally the best method to insure that a well is properly plugged. The method involves setting 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. This can be done in one large batch or in stages. Generally, by pumping several smaller batches and allowing time for the cement to set, problems of wasting cement can be avoided. If a well is taking much more cement than calculated, it may be necessary to install a plug or use gravel to bridge certain zones. Once the plug is installed, the well can be backfilled to the surface.
3. Plugs--There are many commercial plugs available to seal a well or hold cement in place until it sets. The Southwest Florida Water Management District has devised a form of cement plug (termed QWIP - from Quality of

Water Improvement Program) to bridge zones of lost circulation or set casings (see Figure 3). This plug is generally fabricated onsite and attaches to 1-1/4 inch diameter PVC tremie pipe. A coarse left hand threaded coupling and nipple is used to provide a positive disconnect system so the tremie pipe can be removed from the plug. A check valve is placed on the tremie to prevent the slurry from being forced out of the burlap "sock" by natural water pressure. A calculated volume of slurry is pumped into the sock and allowed to set before backfilling can be resumed. This plug can bridge the large cavities normally associated with the soft limestone and prevent interaquifer flow.

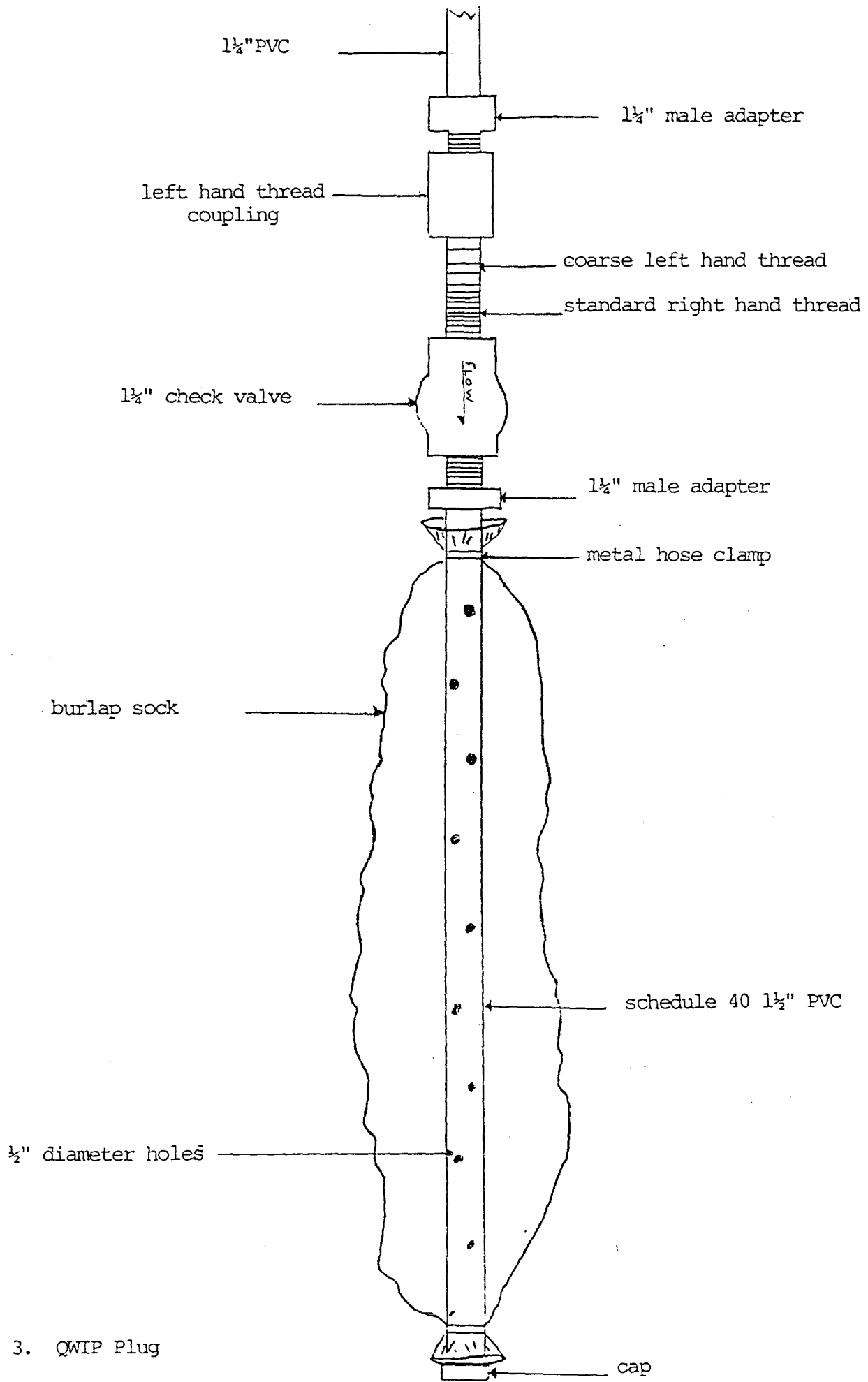


FIGURE 3. QWIP Plug

CURRENT STATUS
OF 1988/1989 PROJECTS

The 1988/1989 projects were located in Brevard, Seminole, Clay, St. Johns, and Indian River counties. A total of 194 wells were plugged or reconstructed.

The work in Brevard County is done through a cooperative agreement between SJRWMD and the Brevard County Board of County Commissioners. The staff of the Office of Natural Resources Management (ONRM) have primary responsibility to locate wells and obtain permission from well owners for plugging. In Brevard County, 56 wells were plugged that had a combined flow of approximately 11.2 million gallons per day.

The project locations in Brevard County were centered in areas where increased development has strained the local ground water resources. Twenty-eight wells were plugged on Merritt Island, twelve in Melbourne, and eleven in Palm Bay.

The inventory of wells in Seminole County was substantially increased due to the cooperative agreement with SSWCD. Over 200 wells were inventoried in Seminole County by Natural Systems Analysts, Inc. a private consultant. The majority of these are small diameter wells that were used for irrigation. Through this agreement, 39 wells were plugged and 68 wells were repaired, saving approximately 3 million gallons per day.

Ten wells were plugged or repaired through SJRWMD's new cost share program (Appendix D). This program is available for counties that do not have a cooperative program with the district. Individual well owners can enter into an agreement with SJRWMD whereby they are liable for one-half the cost for materials and labor up to a maximum of \$600. For example, if the total cost of the job was \$1,200, the owner and SJRWMD would each pay \$600. If the total cost was \$1,900, the owner would pay \$600 and SJRWMD would pay the balance of \$1,300.

Twenty-one wells were plugged on SJRWMD property in Indian River county. Most of these wells were 6 in. wells located in the Fort Drum Marsh Conservation Area.

COSTS

The following tables are provided to show actual costs for plugging and program support. In these tables, actual costs are the costs associated with contractual services, cement, and related products. The program support costs include salaries, insurance, travel, supplies, purchased equipment, rental equipment, and other commodities. An administrative cost is added to show the estimated costs associated with bidding, invoicing, legal services, and other necessary administrative processes.

To date, SJRWMD has spent \$837,632 for this program including actual and support costs. The total actual costs were \$415,158 or \$912 per well. The total support costs were \$422,474 or \$929 per well.

TABLE 1: Actual Plugging Costs

Plugging Costs for FY 1988/89

Contractual Services, Cement, and Related Products	\$132,615.39
Average Cost FY 1988/89 per Well (194 Wells)	\$ 683.58

Plugging Costs to Date

Costs from FY 1980/81 through FY 1987/88	\$282,542.64
Costs from FY 1988/89	<u>\$132,615.39</u>
TOTAL COSTS TO DATE	\$415,158.03
AVERAGE COST TO DATE PER WELL (455 WELLS)	\$ 912.44

TABLE 2: Program Support Costs

Program Support Costs for FY 1988/89

Support Costs	\$ 85,186.43
Administrative Costs (12%)	\$ 10,222.37
Total Support Costs	\$ 95,408.90
Average Cost per Well (194 Wells)	\$ 491.80

Program Support Costs to Date

Costs for FY 1988/89	\$ 95,408.80
Costs for FY 1980/81 through FY 1987/88	<u>\$327,065.38</u>
TOTAL SUPPORT COSTS TO DATE	\$422,474.18
AVERAGE SUPPORT COST PER WELL(455 WELLS)	\$ 928.51

TABLE 3: Projected Actual Plugging Costs to Plug All Wells by 1992

Costs Per Year	
Estimated Number of Wells to Plug	600
Number of Wells to Plug Per Year	200
Average Costs Per Well	\$ 1,250.00
Average Cost Per Year	\$250,000.00
Projected Costs for Actual Plugging*	
FY 1989/90	\$265,000.00
FY 1990/91	\$280,900.00
FY 1991/92	\$297,754.00
TOTAL PROJECTED COSTS	\$843,654.00

*Based on 6% increase per year

TABLE 4: Projected Costs for Program Support Until 1992

Costs Per Year	
Number of Wells to Plug	600
Number of Wells to Plug Per Year	200
Average Cost Per Well	\$ 929.00
Average Cost Per Year	\$185,762.00
Projected Costs for Program Support	
FY 1989/90	\$196,908.00
FY 1990/91	\$208,722.00
FY 1991/92	\$221,246.00
TOTAL PROJECTED COSTS	\$626,875.00

TABLE 5: Total Projected Costs for Actual Plugging and Program Support Until 1992

Projected Actual Plugging Costs	\$843,654.00
Projected Program Support Costs	<u>\$626,875.00</u>
TOTAL PROJECTED COSTS	\$1,470,529.00

GLOSSARY

Aquifer. A 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.

Artesian Well. A well deriving its water from a confined aquifer in which the water level stands above the aquifer.

Capping. Refers to stopping the water of an artesian well from flowing at the surface by some mechanical device. This includes 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 into other aquifers through internal flow because of improper well construction or condition. Common names include "wild flowing well," "free flowing well," "uncontrolled artesian well," and "abandoned artesian well."

Head. Energy contained in a water mass produced by elevation, pressure, or velocity. The potentiometric surface of an aquifer is dependent on the head pressure (see definition of potentiometric surface).

Plugging. Includes any technique used to restore a well to the original hydrogeologic setting before it was drilled. This includes filling it with a cement slurry from bottom to land surface or setting plugs so that individual aquifers are

totally isolated.

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

Tremie Pipe. Any relatively small diameter (<1-1/2" inside diameter) pipe lowered into a well to a specific depth to pump a cement slurry for total or partial backfilling of the well.

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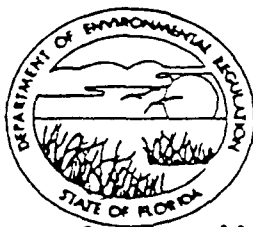
Appendix A

OUTLINE PROVIDED BY THE
DEPARTMENT OF ENVIRONMENT REGULATION

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

October 12, 1983

Mr. Doug Munch
St. Johns River Water
Management District
Post Office Box 1429
Palatka, Florida 32077

RE: Artesian Well Plugging Workplan

Dear Mr. Munch:

Part IV of the Water Quality Assurance Act directs the five water management districts to prepare inventories and workplans outlining methods and costs of plugging all abandoned artesian wells in their district by January 1, 1992. The water management districts shall submit an initial workplan to the Secretary of DER by January 1, 1984.

Enclosed is a draft format for the workplan. Please review and let me know if you have any serious problems with the contents. The level of detail and length of each water management district workplan will be proportional to the number of wells and the existence of an active well plugging program. In those districts without a district-wide inventory, cost estimates may have to be given for both known and estimated number of wells.

Another topic we need to discuss is the use of the original inventory. I have the original well schedules (in pencil) complete with photographs, wellhead diagrams and hand drawn maps from which Information Circular No. 21 was prepared. These statewide records have remained intact since 1958, so I am reluctant to start mailing originals all over the state.

A meeting in Tallahassee with all water management districts can be arranged, if you feel there is a need. Suggested dates are November 8, 9, 15, or 16. Please let me know if you would prefer to meet or discuss any problems by telephone.

Sincerely,

Leslie Bell
Environmental Supervisor
Groundwater Section

LB/cs

Enclosures

cc: Rodney DeHan
Greg Parker
Howard Rhodes
John Wehle
Ed Mosser/STWMD

Format for Artesian Well Plugging Workplan

I. Introduction	DOCUMENT SUBHEADINGS	Page
A. Brief assessment of existing problem	'INTRODUCTION'.....	
B. Brief summary of any existing program	'CONCLUSION AND SUMMARY'.....	
II. Inventory		
A. Results of 1983 Inventory presented in table form. The format in Table 1 and Table 3 from the Florida Geological Survey Information Circular No. 21 (examples attached) can be used as models.....		
B. Description of methodology used in obtaining initial inventory, including types of sources contacted, publicity, and field verification methods	'INVENTORY'.....	
C. Location and Owner of each abandoned well.....		
1. Present by county, alphabetically by owner and latitude/longitude		
2. If inventory is already on data base, existing format may be submitted		
D. Proposed Methodology for Updating Inventory	'Inventory', 'CONCLUSION AND SUMMARY'..	
1. Location techniques		
2. Field verification		
3. Public notification techniques		
III. Well Plugging Priority Schedule		
A. Criteria to be used to develop schedule:	'Priority'.....	
1. Condition of casing		
2. Presence of operable valve		
3. Water quality in well and receiving aquifer		
4. Surface or subsurface flow from well		
5. Diameter of well and flow volume		
6. Surficial aquifer use in proximity to artesian well		
B. Proposed Schedule	'PROPOSED SCHEDULING'..	
1. Individual wells may be listed for the water management districts with smaller inventories. Types of wells with highest priority may be listed for water management districts with larger inventories.		

IV. Plugging Methodology DOCUMENT SUBHEADINGS Page

- A. Description of existing procedure, including all legal paperwork and contract processing 'Plugging Methodology'.....
- B. Type of plugs commonly used 'Type of Plugs'.....
- C. Description of any inspection or verification 'COSTS'.....
- D. Timetable for plugging completion, which incorporates priority schedule developed in III 'PROPOSED SCHEDULING'.....

V. Costs

- A. Costs should be presented in two categories - water management district costs and actual plugging costs 'COSTS'.....
- B. Estimates for water management district costs should be given in 'per well' units, and should include: 'TABLE'.....
 - 1. Staff time for locating wells
 - 2. Staff time for well assessment and placement in priority schedule
 - 3. Staff time for resolving any legal difficulties
 - 4. Staff time for preparing and awarding plugging contract
 - 5. Staff time for inspection, updating of inventory
 - 6. Total estimated cost
 - 1. 'Per well' cost times number of known or estimated wells in district
- C. Actual Plugging Costs 'TABLE'.....
 - 1. Estimated average plugging cost per well. Wells may be classified into two or three depth groups
 - 2. Total estimated plugging cost
 - 1. 'Per well' cost times number of known or estimated wells in district

VI. Recommendations

- A. Need for changes or expansion of existing programs
- B. Other

Appendix B

INVENTORY OF FREE FLOWING AND PLUGGED WELLS

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
TOLEDO TRUST CO	BR0016	-	-	282146	805128	-	-	2	
BREVARD CO. MC	BR0079	190	210	275206	802725	466	-	4	
BREVARD CO. MC	BR0084	-	220	275303	802815	-	-	4	
BREVARD CO. MC	BR0088	20	320	275530	802940	-	-	4	
BREVARD CO. MC	BR0089	-	661	275523	803208	-	-	4	
ATLANTIC RIDGE CORP	BR0090	-	678	275525	803335	-	-	4	
BREVARD CO. MC	BR0092	-	476	275602	803022	387	-	4	
BREVARD CO. MC	BR0094	-	515	275735	803048	-	-	4	
BREVARD CO. MC	BR0095	-	935	275858	803118	329	-	4	
BREVARD CO. MC	BR0097	-	551	275846	803121	346	-	4	
BOY SCOUTS-ORLANDO	BR0100	-	-	275719	803513	-	-	4	
DAVENPORT	BR0103	-	-	275810	803503	-	-	6	
BREVARD COUNTY	BR0199	100	1377	282213	804047	-	-	4	
UNDETERMINED	BR0200	15	1516	282213	804055	-	-	4	
LONE CABBAGE CAMP	BR0204	100	2071	282207	805218	-	-	2	
BREVARD CO. MC	BR0213	125	1070	282543	804122	-	-	4	
BREVARD CO. MC	BR0219	-	2876	282643	804315	-	-	4	
GEN. DEVELOP. CORP.	BR0225	50	747	275825	804210	-	-	4	
GEN. DEVELOP. CORP.	BR0226	20	516	275835	804219	236	-	4	
KEMPHER	BR0228	20	223	280443	805032	295	-	4	
KEMPHER	BR0229	83	387	280457	805018	-	-	4	
KEMPHER	BR0230	25	360	280530	804644	-	-	4	
DESERET RANCH	BR0231	1	361	280536	804643	-	-	4	
BREVARD CO. M.C.	BR0233	150	935	281732	804155	-	-	4	
HAPPED	BR0234	15	1015	282040	803951	-	-	0	
ROCKLEDGE GOLF COUR	BR0235	-	-	282013	804449	-	-	4	
ROCKLEDGE GOLF COUR	BR0236	-	-	282008	804442	-	-	4	
UNDETERMINED	BR0237	20	2117	282150	805115	-	-	2	
C. CRISAFULL	BR0242	25	1887	282624	804248	-	-	4	
CHARLES CRISAFULLI	BR0243	-	2455	282623	804257	-	-	4	
UNDETERMINED	BR0244	1.25	1122	281957	803952	-	-	2	
ROCKLEDGE GOLF COUR	BR0245	-	1470	282002	804506	-	-	4	
CORRIGAN	BR0246	-	538	274933	803518	-	-	2	
DEER RUN	BR0247	10	725	275226	803823	-	-	2	CANNOT LOCATE
SEIB GROVE	BR0251	-	785	275332	803739	-	-	4	
UNDETERMINED	BR0257	150	701	275416	803904	315	-	6	
GEN. DEVELOP. CORP.	BR0267	-	748	275746	804116	299	-	3	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
GDC-CARLYLE PLATT	BR0274	7	581	275812	804218	-	-	6	
GDC-CARLYLE PLATT	BR0275	4.5	510	275816	804234	-	-	4	
GEN. DEVELOP. CORP.	BR0276	-	698	275956	803820	-	-	0	
GEN. DEVELOP. CORP.	BR0301	-	-	275616	804102	-	-	6	
PERRY ELISON	BR0333	-	2037	282232	804246	-	-	2	
CITY OF MELBOURNE	BR0351	-	641	280758	803814	600	-	12	
WINDWARD APTS.	BR0368	7	695	280214	803711	-	-	2	
GEN DEVELOP. CORP	BR0370	500	650	280232	804327	368	-	5	
CECIL PLATT	BR0372	2	488	280445	804233	-	-	8	
WATERWAY ESTATES	BR0373	-	-	281226	803626	-	-	6	
UNDETERMINED	BR0374	-	-	281230	803626	-	-	6	
UNDETERMINED	BR0375	-	-	281234	803629	-	-	6	
WATER WAY ESTATES	BR0376	-	-	281243	803629	-	-	2	
UNDETERMINED	BR0378	-	668	281017	803713	-	-	4	
FLA. STATE MATHERS B	BR0379	-	-	280857	803624	-	-	2	
PULLEN	BR0380	-	1042	281332	803854	-	-	2	
SOMERFIELD	BR0381	-	668	281341	803903	325	-	4	
WICKHAM PARK	BR0382	200	548	280934	803946	600	105	4	
WICKMAN PARK	BR0383	275	625	280951	803940	550	105	6	
UNDETERMINED	BR0384	-	1189	281538	804105	-	-	4	
RAY COBBS	BR0385	60	2004	282203	804228	420	80	6	
MOONEY	BR0387	120	935	282047	804107	400	-	4	
BREVARD CO. M.C.	BR0388	80	1353	282017	804106	-	-	4	
BREVARD CO. M.C.	BR0389	-	1430	281816	804024	-	-	6	
E. L. WEGERIF	BR0390	-	1202	281823	804054	-	-	2	
BREVARD COUNTY M. C.	BR0391	50	1030	281921	804053	-	-	4	
LA TURE	BR0392	42	1176	281605	804013	-	-	2	
UNDETERMINED	BR0395	1.1	1002	281605	803955	-	-	2	
UNDETERMINED	BR0397	-	277	281548	804116	-	-	0	
UNDETERMINED	BR0400	220	1336	282045	804634	-	-	6	
TENDERFOOT RANCH	BR0403	20	1570	282224	804701	-	-	4	
NORRIS CATTLE CO.	BR0408	-	1725	283655	805750	-	-	1	
DE VINCI INC.	BR0411	-	287	275822	803102	-	-	2	
BREVARD CO. M.C.	BR0412	-	524	280053	803214	-	-	3	
W. C. ROPER	BR0413	175	608	280718	803732	-	-	6	
HARVEY RAY	BR0415	100	1002	281741	804158	-	-	3	
UNDETERMINED	BR0416	-	788	282049	803942	-	-	2	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	BR0418	-	1510	282359	804234	204	-	3	
PHYLIS TINSLEY	BR0419	150	2204	282543	804259	-	-	0	
QUARBURG	BR0420	5.2	241	274959	805039	-	-	6	
POTEET	BR0421	9	180	275045	804946	284	-	6	
UNDETERMINED	BR0426	0.2	578	281126	803748	-	-	2	
NEVINS	BR0428	10	868	281810	804450	-	-	4	
BREVARD CO. M.C.	BR0430	15	1447	282152	804117	152	82	4	
GOUGH 504 4TH AVE	BR0434	-	645	280354	803347	505	150	4	
LULP LEE 2924 MAIN	BR0435	-	-	280344	803559	-	-	2	
COYLE 412 SUNSET BLV	BR0436	7	520	280420	803340	-	-	2	
GENERAL DEVEL CORP.	BR0495	-	722	275642	804120	-	-	6	
UNDETERMINED	BR0502	-	950	281557	804010	-	-	0	
BREV. CITY PARK	BR0527	-	-	822620	804140	-	-	4	
TOLEDO TRUST CO	BR0528	-	2112	282151	805125	-	-	2	
WATSON	BR0529	-	-	282205	804153	600	-	4	
THOMAS	BR0539	-	-	281557	815040	-	-	3	
SCHRURSBRENN ZITA	BR0547	-	604	275955	804345	-	-	4	
CAVALIER GROVES	BR0555	-	775	275252	803948	680	-	6	CANNOT LOCATE
PORCHER	BR0556	-	3900	282815	804304	-	-	3	
CAVALIER GROVES	BR0558	-	-	275252	803748	680	-	8	
UNDETERMINED	BR0562	-	740	275207	804048	-	-	3	
EDWARD D. EVANS	BR0569	-	1150	281655	804023	-	-	2	
UNDETERMINED	BR0570	-	888	281902	804239	-	-	0	
INDIAN BAY	BR0573	-	-	282637	804311	-	-	4	
CAPE CANAVERAL AFS	BR0596	-	-	282528	803611	888	888	4	
CAPE CANAVERAL AFS	BR0597	-	-	282621	803559	888	888	4	
CAPE CANAVERAL AFB	BR0599	-	-	282732	803550	888	888	4	
NASA	BR0605	-	1440	282737	804013	-	-	4	
NASA	BR0612	-	-	283001	804120	-	-	6	
NASA	BR0613	-	1410	283037	804027	-	-	3	
NASA	BR0615	-	-	283130	804033	-	-	3	
NASA	BR0616	-	1890	283135	804117	-	-	6	
NASA	BR0618	-	-	283238	804027	-	-	4	
NASA	BR0619	-	-	283404	803946	-	-	4	
BREVARD COUNTY	BR0640	-	-	281831	804448	-	-	6	
UNDETERMINED	BR0659	75	486	280800	804159	-	-	4	
PATRICK AFB	BR0670	210	1240	281121	803558	297	94	3	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
PATRICK AFB	BR0671	388	1590	281117	803558	483	94	4	
PATRICK AFB	BR0672	191	1380	281119	803609	330	105	3	
PATRICK AFB	BR0673	358	1080	281116	803602	444	94	4	
PATRICK AFB	BR0674	358	1130	281112	803600	501	94	4	
PATRICK AFB	BR0675	316	900	281115	803551	444	95	4	
PATRICK AFB	BR0676	191	620	281117	803549	355	105	3	
MELBOURNE COUNTRY CL	BR0682	-	-	280440	803742	120	-	0	
MELBOURNE COUNTRY CL	BR0683	-	-	280440	803742	10	-	0	
MELBOURNE COUNTRY CL	BR0684	-	-	280440	803742	888	888	2	
CITY OF MELBOURNE	BR0685	-	-	280502	803653	35	-	2	
CITY OF MELBOURNE	BR0686	-	-	280459	803653	400	90	6	
CITY OF EAU GALLIE	BR0688	-	-	280712	803752	511	110	6	
CITY OF MELBOURNE	BR0690	-	-	280750	803848	65	46	6	
CITY OF MELBOURNE	BR0691	-	-	280744	803848	45	33	6	
CITY OF MELBOURNE	BR0692	-	-	280810	803546	888	888	2	
CITY OF EAU GALLIE	BR0693	-	-	281018	803947	888	888	3	
CANAVERAL AFB	BR0697	-	-	282654	803551	888	888	6	
LULP LEE 2924 MAIN	BR0705	4	762	280349	803559	-	-	2	
E. L. WEGERIF	BR0711	250	1110	281820	804043	-	-	4	
E. L. WEGERIF	BR0712	-	-	281820	804058	-	-	6	
SJRWMD	BR0791	-	480	275424	804544	-	-	4	
SJRWMD	BR0801	-	-	275155	804812	-	-	8	
SJRWMD	BR0802	-	-	275129	804852	-	-	2	
SJRWMD	BR0803	-	-	275124	804854	-	-	6	
SJRWMD	BR0804	-	215	275051	804833	-	-	6	
SJRWMD	BR0804	-	215	275051	804853	-	-	6	
SJRWMD	BR0805	-	-	275035	804852	-	-	6	
SJRWMD	BR0806	-	-	275010	804853	-	-	6	
SJRWMD	BR0807	-	-	274948	804853	-	-	6	
SJRWMD	BR0808	-	-	275126	804819	-	-	4	
SJRWMD	BR0809	-	-	275134	804828	-	-	4	
SJRWMD	BR0810	-	-	275155	804838	-	-	4	
SJRWMD	BR0811	-	-	275130	804812	-	-	10	
SJRWMD	BR0812	-	-	275201	804857	-	-	4	
SJRWMD	BR0813	-	-	275219	804831	-	-	8	
SJRWMD	BR0814	-	-	275201	804802	-	-	8	
SJRWMD	BR0815	-	-	275216	804801	-	-	8	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
SJRWMD	BR0816	-	-	275214	804707	-	-	8	
SJRWMD	BR0817	-	-	275245	804910	-	-	6	
SJRWMD	BR0818	-	-	275301	804914	-	-	8	
SJRWMD	BR0819	-	-	275212	804839	-	-	8	
SJRWMD	BR0820	-	-	275214	804839	-	-	6	
SJRWMD	BR0821	-	-	275219	804840	-	-	4	
SJRWMD	BR0822	-	-	275306	804843	-	-	6	
SJRWMD	BR0823	-	-	275314	804845	-	-	4	
SJRWMD	BR0824	-	-	275319	804845	-	-	4	
SJRWMD	BR0825	-	-	275324	804847	-	-	6	
SJRWMD	BR0826	-	-	275327	804848	-	-	6	
SJRWMD	BR0827	-	-	275333	804848	-	-	6	
SJRWMD	BR0828	-	-	275240	804809	-	-	6	
SJRWMD	BR0829	-	-	275248	804811	-	-	6	
SJRWMD	BR0830	-	-	275254	804812	-	-	6	
SJRWMD	BR0831	-	-	275245	804740	-	-	6	
SJRWMD	BR0832	-	-	275257	804742	-	-	6	
SJRWMD	BR0833	-	-	275304	804742	-	-	6	
SJRWMD	BR0834	-	-	275311	804744	-	-	6	
SJRWMD	BR0835	-	-	275317	804744	-	-	6	
SJRWMD	BR0836	-	-	275325	804745	-	-	0	
SJRWMD	BR0837	-	-	275424	804501	-	-	3	
UNDETERMINED	BR0876	-	-	275345	802810	-	-	2	
GDC	BR0906	-	-	275659	804121	-	-	6	
SJRWMD	BR0942	-	-	275125	804843	-	-	4	
MICHAEL BIRMINGHAM	BR0944	-	1550	281735	804043	-	-	6	
CITY OF ROCKLEDGE	BR0945	-	880	281847	804420	-	-	6	
BR CITY REC & PARKS	BR0946	-	700	280817	803450	-	-	6	
CHRISTA PEREGOY	BR0947	-	-	282058	804142	-	-	0	
GRACE DAY	BR0948	-	-	282054	804157	-	-	2	
BILL HARDY	BR0949	-	-	282212	804148	-	-	2.5	
C.H. CONNER	BR0950	-	-	282252	804159	-	-	2	
CLAYTON TURCK	BR0951	-	-	282000	803645	-	-	2	
WILLIAM MERIDITH	BR0952	-	-	275943	803825	-	-	2	
BILLY KEMPFER	BR0953	-	-	280530	804750	-	-	2	
LOUIS DICKINSON	BR0954	-	-	280933	803845	-	-	2	
HOWARD F. DIXON	BR0955	-	-	282133	804556	-	-	6	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
NOEL SHARPIRO	BR0956	-	-	282904	805007	300	-	4	
TONY NINOS	BR0957	-	-	282103	804323	-	-	6	
COURTENAY SPR. LTD.	BR0958	-	-	282019	804124	-	-	2	
BROOKS HUMPHRYS	BR0959	-	-	282708	804244	-	-	2	
GRANT LEEK	BR0960	-	-	280448	803824	-	-	2	
CITY OF COCOA	BR0961	-	-	282112	804327	-	-	2	
FIRST BAPT. CHURCH	BR0962	-	-	282123	804210	-	-	2	
ROBERT KLINE	BR0963	-	-	282136	804217	-	-	2	
U.S. GOVERNMENT	BR0964	-	-	282625	803932	-	-	2	
MARY PEEK	BR0965	-	-	282103	804157	-	-	2	
STEVE KINTPER	BR0966	-	-	282224	804211	-	-	0	
ESTHER HUSBAND	BR0967	-	-	282405	804027	180	-	2	
GLADYS PIGG	BR0968	-	-	282057	804203	-	-	2	
NEAL KIRSEHNER	BR0970	-	-	280422	803604	-	-	2	
MRS. WOODING	BR0971	-	-	282048	804155	-	-	1.5	
DOUGLAS JAREN	BR0972	-	-	282132	804138	-	-	2	
GRICCO	BR0973	-	-	282225	804215	-	-	2	
TONY ARNOVITZ	BR0974	-	-	282259	804142	-	-	2	
HERBERT HAWORTH	BR0975	-	-	282331	804015	-	-	2	
MCDONALD	BR0977	-	-	281939	803935	-	-	2	
ANITA W. CARD	BR0978	-	975	282044	803624	-	-	0	
ANITA W. CARD	BR0979	-	-	282044	803627	-	-	2	
ANITA W. CARD	BR0980	-	-	282044	803630	-	-	2	
ANITA W. CARD	BR0981	-	-	282044	803633	-	-	2	
ANITA W. CARD	BR0982	-	-	282043	803632	-	-	2	
ANITA W. CARD	BR0983	-	-	282043	803629	-	-	2	
ANITA W. CARD	BR0984	-	-	282043	803625	-	-	2	
MCDONALD	BR0985	-	-	281955	803936	-	-	3	
FISH & WILDLIFE	BR0986	-	-	283018	804116	-	-	0	
UNDETERMINED	BR0987	-	230	280213	803533	-	-	0	
DUANE SCARBOROUGH	BR0989	-	-	281811	804045	-	-	0	
DOT	BR0991	-	-	275026	803012	-	-	0	
CENTEX REAL ESTATE	BR0992	-	-	281825	804436	-	-	8	
CENTEX REAL ESTATE	BR0993	-	-	281822	804450	-	-	6	BR0502
COLORADO CORPORATION	BR0994	-	-	282326	804137	-	-	2	
DOT	BR0995	-	-	275953	803725	-	-	4	
LEON GROVE	BR0998	-	660	275330	803813	-	-	0	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
KIRBY KEY	BR0999	-	2910	283137	804234	-	-	4	
GEN. DEVELOP. CORP.	BR1002	-	668	275656	804121	-	-	2.5	
CAPE CANVERAL AFS	BR1003	-	-	283428	803447	-	-	0	
DON GEROGE	BR1004	-	-	282508	803612	-	-	4	
DON GEORGE	BR1005	-	-	282904	803518	-	-	4	
CAROLYN HALL	BR1006	-	-	282545	804520	-	-	6	
RON BRUSL	BR1007	-	-	282221	804154	-	-	2	
CHARLES BEVAN	BR1008	-	-	280415	804142	175	-	2	
AMER DIVERS INT'L	BR1009	-	-	282206	804204	-	-	3	
BREVARD COUNTY	BR1010	-	-	275135	802953	250	-	2	
BR CO PARKS	BR1011	-	-	282620	804140	-	-	4	
CREEK ASSOCIATES	BR1012	-	-	275211	803549	-	-	6	
ONE SEAGATE 22-OSG	BR1013	-	-	282322	804233	-	-	4	
IVA LEAVOLKMER	BR1015	-	-	282218	804224	-	-	2	
MARGARET MOELLER	BR1016	-	-	281915	804112	-	-	2	
BR CO PARKS & REC.	BR1019	-	-	281227	803947	-	-	0	
GAYLAND REED	BR1020	-	-	280342	804037	-	-	4	
GAYLAND REED	BR1021	-	-	280343	804034	-	-	3	
WILLIE MAE WELLS	BR1032	-	-	282124	804726	-	-	2	
WILLIAM GROOT	BR1033	-	-	282213	804137	-	-	2	
AF EASTERN TEST RANG	BR1034	-	-	280130	804112	-	-	2	
MILLER	BR1036	-	2050	281817	804048	-	-	0	
BRUCE GUTOSKI	BR1037	-	-	282053	803942	-	-	2	
WADE HEARD	BR1038	-	-	281212	803817	-	-	2.5	
BETSY TEAVER	BR1040	-	-	282051	804151	-	-	2	
JACK MCCOOL	BR1042	-	-	275957	803510	-	-	5	
UNDETERMINED	C-0019	-	36	295104	813701	-	-	0	
UNDETERMINED	C-0376	-	-	300435	815217	-	-	3	
CLAY ELECTRIC	C-0379	-	8	300457	815022	888	888	1	
JOHN HORN	C-0389	-	-	300517	814147	-	-	0	
JOHN HORN	C-0390	-	-	300517	814147	-	-	0	
UN	C-0402	-	9	300427	815151	-	-	2	
ROMEO	D-0435	85	15	301733	814317	-	-	10	
WILLIAMD JACOBSON ES	D-0686	-	-	302442	814116	-	-	0	
HAROLD P. OMERANTE	D-0693	5	28	302437	814209	-	-	4	
CITY OF JACKSONVILLE	D-0694	-	-	301723	814251	-	-	4	
FOSTER KENNEDY	D-1159	-	32	303100	812721	-	-	3	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
F. WADE TYE	D-1161	-	-	301917	813505	-	-	4	
IRA ALLEN	D-1162	-	-	301846	813454	-	-	6	
JOHN RUMBLE	D-1164	-	-	301846	813514	-	-	3	
HOLLAR GREEN	F-0026	-	852	292524	812503	-	-	0	
UNDETERMINED	F-0032	1	940	292522	812538	-	-	3	
UNDETERMINED	F-0033	1	-	292528	812549	-	-	3	
UNDETERMINED	F-0034	1	1410	292528	812553	-	-	4	
UNDETERMINED	F-0035	-	-	292521	812553	-	-	0	
DNR	F-0287	-	-	292335	812318	-	-	2	
J.V.D'ALBORA CO.	IR0223	75	620	274653	802509	-	-	8	
MARTIN, GREGORY-TRUS	IR0224	100	482	274003	802317	-	-	6	
KNIGHT, C. REED	IR0225	-	514	273949	802321	-	-	6	
KENNETH PRINCE	IR0311	-	662	273825	804613	-	-	6	
SJRWMD	IR0315	-	369	273645	804525	733	200	6	
KENNETH PRINCE	IR0316	-	662	273815	804546	-	-	8	
JOHN MCCUE	IR0351	-	450	273831	802754	-	-	4	
SJRWMD	IR0453	350	672	273343	804507	888	888	6	
HABORA HENRY R.	IR0468	300	396	274501	803137	-	-	4	
ABC FRUIT CO.	IR0471	-	-	273303	802558	-	-	4	
UNDETERMINED	IR0498	-	-	274353	802336	-	-	0	
UNDETERMINED	IR0499	-	-	274507	802600	-	-	0	
UNDETERMINED	IR0509	-	-	275028	802858	-	-	0	
UNDETERMINED	IR0513	-	-	273824	802650	-	-	6	
I.R.COUNTY UTILITIES	IR0514	-	-	273808	802655	520	-	6	
GDC	IR0517	-	342	274531	802807	-	-	0	
BOBO MILES	IR0519	-	-	274054	802630	-	-	0	
LYKES PASCO PACK CO	IR0520	-	482	273609	803020	-	-	6	
E.C.PROCTOR	IR0521	-	-	274305	802541	-	-	3	
UNDETERMINED	IR0525	-	496	274557	803233	-	-	4	
IR CO UTILITIES	IR0527	-	-	274907	803017	-	-	4	
IR CO. UTILITIES	IR0528	-	-	274140	802554	140	-	4	
IR. CO. UTILITIES	IR0529	-	-	274602	802653	-	-	0	
I.R.CO UTILITITES	IR0530	-	-	273405	802330	130	-	6	
I.R.CO. UTILITIES	IR0531	-	-	273706	802339	90	-	12	
I.R. CO UTILITIES	IR0532	-	-	273607	802444	110	-	6	
I.R. CO UTILITIES	IR0533	-	-	273608	802444	120	-	6	
ANNA EVANS	IR0534	-	-	273811	802447	-	-	2	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
IR CO UTILITIES	IR0535	-	-	274031	802536	50	-	2	
IR CO UTILITIES	IR0536	-	-	274023	802513	90	-	2	
IR CO UTILITIES	IR0537	-	-	274023	802513	700	-	8	
IR CO UTILITIES	IR0538	-	-	274023	802513	112	-	8	
I.R. CO UTILITIES	IR0539	-	-	274023	802513	90	-	2	
TELING WOO	IR0541	-	-	273723	803028	-	-	0	
TELING WOO	IR0542	-	-	273723	803029	-	-	0	
U.S. FOREST SERVICE	L-0060	-	210	290031	812328	-	-	6	
A.M. COLLINS, JR	L-0080	300	1360	291027	813211	-	-	10	
BLACKWATER IIN	L-0084	-	252	291000	813126	-	-	2	
SJRWMD	L-0291	-	-	284005	814139	-	-	2	
SJRWMD	L-0292	-	-	283948	814138	800	-	6	
SJRWMD	L-0294	-	-	283958	814221	80	80	4	
SJRWMD	L-0295	-	-	284024	814232	80	80	0	
UN	L-0296	-	-	284115	814205	80	80	4	
SJRWMD	L-0297	-	-	284117	814230	-	-	0	
SJRWMD	L-0298	-	-	284125	814234	-	-	1	
UNDETERMINED	L0083	-	-	290909	813123	-	-	2	
UNDETERMINED	L0085	-	-	290909	813125	-	-	0	
VANCE, BILL	M-0002	60	6	292728	815507	-	-	4	
UNDETERMINED	M-0004	200	150	291749	813534	-	-	6	
HEINEMANN, G.C.	M-0005	75	158	291743	813515	-	-	4	
LARRY MOODY	M-0009	250	-	291738	813520	-	-	6	
MODDY LARRY	M-0035	-	-	291738	813520	100	-	6	
PONDERROSA SHORES, I	M-0066	200	-	291727	813504	156	102	6	
PONDERROSA SHORES, IN	M-0082	200	-	291717	813503	205	-	6	
USDA FOREST SERVICE	M-0219	-	-	292102	814405	-	-	6	
USDA FOREST SERVICE	M-0220	-	257	292053	813934	-	-	4	
USDA FOREST SERVICE	M-0221	-	-	292116	814406	-	-	2	
USDA FOREST SERVICE	M-0222	-	99	292131	814406	-	-	4	
USDA FOREST SERVICE	M-0223	-	-	292130	814406	-	-	2	
USDA FOREST SERVICE	M-0224	-	-	291758	813943	-	-	4	
USDA FOREST SERVICE	M-0226	-	190	292058	814351	-	-	2	
USDA FOREST SERVICE	M-0227	-	-	292101	814359	-	-	0	
USDA FOREST SERVICE	M-0228	-	-	292101	814359	-	-	0	
USDA FOREST SERVICE	M-0229	-	-	292101	814359	-	-	0	
SJRWMD	M-0231	-	-	290106	815032	-	-	0	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
SJRWMD	M-0233	-	-	290038	814919	-	-	8	
SJRWMD	M-0235	-	-	290247	815110	-	-	4	
SJRWMD	M-0236	-	-	290342	815121	-	-	4	
SJRWMD	M-0237	-	-	290213	815048	-	-	4	
SJRWMD	M-0238	-	-	290116	815011	-	-	4	
STATE OF FLA-DNR	N-0030	-	-	303541	814951	-	-	2	
MATANZAS PACKING CO.	N-0032	-	25	303354	813120	-	-	0	
JOHNSON LAKE	N-0108	-	-	303549	813854	-	-	2	
JULIAN SMITH	N-0114	-	-	304027	812655	-	-	4	
CITY RIGHT OF WAY	OR0013	15	134	283214	805834	-	-	2	
SJRWMD	OS0011	-	-	289624	805542	-	-	2	
SJRWMD	OS0013	-	-	280502	805712	-	-	1	
SJRWMD	OS0034	-	-	280502	805713	-	-	2	
KEMPFFER DEER PARK R.	OS0180	-	200	275957	805234	274	-	2.5	
UNDETERMINED	P-0017	50	8	293439	815242	-	-	3	
UNDETERMINED	P-0053	15	195	293531	813741	-	-	3	
UNDETERMINED	P-0055	20	285	294012	813651	-	-	4	
S.C.L. RAILROAD	P-0056	-	-	293545	814059	-	-	2	
RAFAEL PUIG	P-0058	60	155	294516	813456	-	-	6	
UNDETERMINED	P-0062	125	-	292607	813155	-	-	6	
UNDETERMINED	P-0064	10	111	294032	813729	-	-	4	
MEELEY REED	P-0065	40	1755	292138	813751	-	-	4	
GEORGIA PACIFIC	P-0068	5	175	294028	813937	-	-	2	
UNDETERMINED	P-0082	-	220	293759	813835	-	-	4	
UNDETERMINED	P-0083	-	-	293358	814339	-	-	4	
RAVINE GARDENS	P-0084	-	20	293758	813840	-	-	2	
RAVINE GARDENS	P-0085	-	23	293458	813839	-	-	2	
UNDETERMINED	P-0089	-	47	292748	813111	-	-	0	
DNR	P-0106	-	-	292321	813840	888	888	2	
UN	P-0107	-	69	294905	813626	-	-	0	
SWAN JAMES	P-0110	-	-	294629	813628	-	-	4	
UN	P-0111	-	-	294628	813658	-	-	4	
UN	P-0113	-	-	294609	813603	-	-	6	
DNR	P-0116	-	-	294003	813715	-	-	6	
CORPS OF ENGINEERS	P-0306	5	4	293300	815239	189	105	8	
UNDETERMINED	P-0415	-	393	292634	813533	-	-	0	
RAVINES STATE GARDEN	P-0418	10	211	293759	813834	401	86	3	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
RAVINES STATE GARDEN	P-0454	-	125	293750	813853	888	888	4	
RAVINES STATE GARDEN	P-0455	-	144	293750	813851	888	888	4	
RAVINES STATE GARDEN	P-0456	-	136	293750	813850	888	888	4	
RAVINES STATE GARDEN	P-0457	-	22	293754	813846	888	888	2	
RAVINES STATE GARDEN	P-0458	-	23	293805	813852	888	888	2	
RAVINES STATE GARDEN	P-0459	-	29	293806	813853	888	888	2	
WHITEHEAD	P-0463	4	180	293707	813747	246	142	4	
UNDETERMINED	P-0568	50	182	293856	813543	-	-	3	
FLOYD U. D.	P-0569	-	-	294116	813515	-	-	6	
VIVIAN MCLENDON	P-0692	-	165	293839	813637	-	-	0	
UNDETERMINED	P448*	-	-	293804	813827	-	-	4	
UNDETERMINED	SJ0180	-	-	295458	811818	-	-	0	ASCS RECONSTRUCTED
DANNY JOHNS	SJ0181	-	-	294014	812927	-	-	4	
WESLEY SMITH	SJ0219	-	-	294044	812607	-	-	6	
HASTINGS MANOR LTD	SJ0220	-	-	294244	813018	-	-	8	
JOHN W. GRIFFIN	SJ0225	-	-	294811	811628	-	-	6	
WESLEY SMITH	SJ0227	-	-	294054	812924	-	-	5	
WESLEY SMITH	SJ0228	-	-	294108	812908	-	-	6	
DNR	SJ0507	150	180	300354	812222	368	300	3	
UNDETERMIND	SJ0509	66	100	300355	812309	-	-	4	
UNDETERMINED	SJ0519	-	73	295539	811744	888	888	6	
UNDETERMINED	SJ0520	-	70	295536	811743	888	888	4	
BEN ROBINSON	SJ0531	-	39	295114	812949	-	-	4	
TOMMY MILLER	SJ0597	-	1871	294053	812842	375	104	6	
SEMINOLE COUNTY	S-0060	-	-	284333	811633	-	-	0	
MERLE PARKER	S-0061	-	-	284400	811624	-	-	0	
LINDA SUTAY	S-0064	-	-	284153	811018	-	-	0	
FLORIDA GAME COMM	S-0084	-	-	284302	811016	68	68	3	
COUNTY RIGHT OF WAY	S-0099	20	2050	294404	811626	-	-	2	
DUDA A	S-0100	30	11	283858	811428	-	-	4	
DUDA,A	S-0101	30	12	283901	811422	-	-	3	
DUDA,A	S-0102	-	-	283902	811430	-	-	4	
DUDA,A	S-0103	25	13	283905	811426	-	-	6	
STATE RIGHT OF WAY	S-0113	-	10	284305	811920	-	-	3	
UN	S-0259	-	-	284143	811117	-	-	0	
UN	S-0260	-	-	284154	811125	-	-	0	
W.W. PRESCOTT	S-0261	-	231	284931	812116	-	-	4	

SJRWD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
ROBERT E. LEE	S-0283	-	-	283741	810318	380	102	14	
CELERY FARMS LAND CO	S-0504	29.6	-	284818	811453	-	-	2	
CELERY FARMS LAND CO	S-0505	34.65	-	284804	811449	-	-	2	
CAMERON CITY GRV PTN	S-0513	0	-	284550	811248	-	-	6	
CAMERON CITY GRV PTN	S-0514	21.5	-	284548	811245	-	-	2	
TACKVERIAN	S-0515	-	-	284653	811224	-	-	0	
CAMERON CITY GROVE P	S-0516	0	-	284600	811257	-	-	2	
MCKINNEY	S-0518	0	-	284849	812023	-	-	2	
CELERY FARMS LD COMP	S-0519	0	-	284820	811449	-	-	3	
CELERY FARMS LD COMP	S-0520	55.25	-	284817	811449	-	-	3	
CELERY FARMS LD COMP	S-0521	50.78	-	284811	811441	-	-	12	
CELERY FARMS LD COMP	S-0522	0	-	284810	811438	-	-	0	
CELERY FARMS LD COMP	S-0523	11.86	-	284811	811433	-	-	2.25	
UNDETERMINED	S-0525	-	-	284958	811917	-	-	2.5	
CULLUM	S-0527	0	-	284800	811350	-	-	2	
VAN NESS	S-0528	0	-	284832	811749	-	-	1.5	
SAN. FLA. INV. LTD.	S-0531	-	38	284922	811902	-	-	4.5	
UNDETERMINED	S-0532	8.57	-	284949	811931	-	-	2.5	
CSX RAILROAD	S-0533	0	-	284939	811918	-	-	2	
SEMINOLE CO RD DEPT-	S-0536	-	-	284432	811551	-	-	3	
SEMINOLE CNTY RD DEP	S-0537	0	-	284155	811049	-	-	4	
SEMINOLE CNTY RD DEP	S-0538	-	-	284143	811047	-	-	0	
SEMINOLE CNT RD DEPT	S-0539	-	-	284146	811047	-	-	4	
COLTZ	S-0541	-	-	283917	811326	-	-	5	
UNDETERMINED	S-0543	-	183	284914	811854	-	-	2.5	
UNDETERMINED	S-0544	-	-	284828	811842	-	-	3.5	
VESTRY	S-0545	-	-	284653	811220	-	-	0	
VESTRY	S-0546	38.46	-	284654	811222	-	-	4	
CLONTZ	S-0548	0	-	283925	811301	-	-	4.5	
UNDETERMINED	S-0550	-	74	284954	812134	-	-	2.5	
CAIN	S-0551	-	88	285000	812147	-	-	4	
UNDETERMINED	S-0552	-	312	284800	811809	-	-	3	
UNDETERMINED	S-0553	-	-	284809	812823	-	-	1.5	
UNDETERMINED	S-0554	-	-	284856	811823	-	-	4.5	
UNDETERMINED	S-0555	-	43	284922	811927	-	-	2.5	
UNDETERMINED	S-0556	-	-	284920	811828	-	-	1.25	
UNDETERMINED	S-0557	-	384	284430	811534	-	-	3	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
WHEELER COMPANY	S-0558	-	-	283912	811250	-	-	6	
WHEELER COMPANY	S-0559	-	76	283912	811257	-	-	4	
CLONTS	S-0560	-	-	283925	811248	-	-	2	
KIRCHHOFF, BILL	S-0561	-	418	284904	811804	-	-	3	
KIRCHHOFF, BILL	S-0562	-	406	284905	811803	-	-	3	
KIRCHHOFF, BILL	S-0563	-	306	284907	811801	-	-	0	
KIRCHHOFF, BILL	S-0565	-	344	284857	811803	-	-	2	
WHEELER COMPANY	S-0566	-	312	284027	811007	-	-	2	
CAIN	S-0582	-	89	285004	812151	-	-	1	
CAIN	S-0583	-	89	285003	812150	-	-	3.5	
CAIN	S-0584	-	-	284945	812158	-	-	0	
HATCH STEVE	S-0592	-	-	284846	811850	-	-	4	
HATCH STEVE	S-0593	-	-	284840	811850	-	-	2	
HATCH STEVE	S-0594	-	-	284812	811850	-	-	2	
HATCH STEVE	S-0595	-	-	284838	811814	-	-	2	
HATCH STEVE	S-0597	-	-	284852	811811	-	-	2	
HATCH STEVE	S-0598	-	-	284850	811811	-	-	2	
BASS	S-0613	-	-	284905	811908	-	-	2.5	
LEFFLER, VINGENT	S-0614	-	-	284234	811702	-	-	1.5	
LEFFLER, VINGENT	S-0619	-	10	284233	811646	-	-	2	
UN	S-0630	-	-	284840	811954	-	-	1.5	
UN	S-0631	-	-	284838	814953	-	-	2	
UN	S-0632	-	-	284836	811952	-	-	2	
UN	S-0633	-	-	284834	811909	-	-	4	
UN	S-0634	-	-	284827	811909	-	-	4	
UNDETERMINED	S-0635	-	-	284825	811908	-	-	4	
UNDETERMINED	S-0637	-	-	284804	811346	-	-	2	
UNDETERMINED	S-0638	-	-	284432	811515	-	-	3	
UN	S-0639	-	-	284802	811301	-	-	0	
UNDETERMINED	S-0658	-	-	284738	811315	-	-	2	
UNDETERMINED	S-0659	-	-	284730	811313	-	-	2	
MERIWETHER	S-0660	-	-	284807	813105	-	-	0	
MERIWETHER	S-0661	-	-	284806	811213	-	-	2	
MERWEITHER	S-0662	-	-	284811	811315	-	-	2	
MERIWETHER	S-0663	-	-	284811	811314	-	-	2	
MERIWETHER	S-0664	-	-	284814	811309	-	-	4	
MERIWETHER	S-0665	-	-	284812	811311	-	-	0	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
MERITWETHER	S-0666	-	-	284809	811213	-	-	1	
MEEKS	S-0672	-	462	284835	811553	-	-	1	
UNDETERMINED	S-0673	-	1101	284725	811307	-	-	2	
UNDETERMINED	S-0674	-	-	284725	811306	-	-	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	-	-	0	
DUNN, DON	S-0683	-	-	284634	811252	-	-	2	
DUNN, DON	S-0684	-	1056	284634	811247	-	-	2	
DUNN, DON	S-0685	-	1186	284634	811245	-	-	2	
DUNN, DON	S-0686	-	1088	284631	811239	-	-	1.5	
DUNN, DON	S-0687	-	1150	284631	811241	-	-	2	
DUNN, DON	S-0688	-	-	284631	811243	-	-	0	
DUNN, DON	S-0689	-	430	284629	811308	-	-	2	
UN	S-0690	-	540	284812	811356	-	-	2	
UN	S-0691	-	-	284804	811344	-	-	2	
WATSON JOE	S0653	-	-	284753	811259	-	-	0	
WATSON	S0654	-	-	284736	811259	-	-	0	
DUNN, DON	S0682	-	-	284626	812445	-	-	2	
UNDETERMINED	V-0032	-	-	285144	811458	-	-	8	
MURRY SAMS	V-0055	300	964	290805	812153	-	-	12	
MURRY SAMS	V-0057	50	844	290805	812156	-	-	8	
J.E. PEARSON	V-0059	1	30	295621	810538	-	-	1	
J.E. PEARSON	V-0060	1	67	295621	810538	-	-	2	
UNDETERMINED	V-0073	30	25	285213	811655	-	-	0	
W.L. TOMPKINS-LEASEE	V-0074	15	-	291015	812157	-	-	4	
STONE IS. HOMEOWNERS	V-0093	10	624	295044	811401	-	-	3	
UNDETERMINED	V-0158	-	987	290030	812253	-	-	4	
JOHN FERRELL	V-0201	-	228	290148	805728	-	-	6	REPAIRED 9/23/88
DONALD BOROFF	V-0213	-	38	290930	812302	145	143	2	
UNDETERMINED	V-0328	5	1690	285245	812143	-	-	3	
UNDETERMINED	V-0337	50	70	291503	810718	-	-	4	
GRAY	V-0375	200	9770	285146	811843	340	22	6	
UNDETERMINED	V-0497	-	13	290917	812222	-	-	4	
UNDETERMINED	V-0498	10	50	290513	810247	-	-	3	
DELTONA CORP	V-0499	-	-	285502	811302	-	-	10	

SJRWMD ABANDONED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDES PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
CITY OF NEW SMYRNA B	V-0508	-	9280	290103	805519	998	130	12	RECONSTRUCTED 9/20/87
WILLIAM MOWERY	V-0509	-	-	290928	812206	888	888	888	
STONEISLAND HOMEWNE	V-0515	-	620	285052	811345	-	-	2	
THOFEHRN GEORGE	V0511	-	-	290931	812203	-	-	0	

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
SULLIVAN GROVES	BR0011	235	-	282742	803955	230	-	4	PLUGGED 06/28/88
BREVARD CO M.C.	BR0013	125	-	282649	804320	210	-	3	PLUGGED 07/01/88
DEER RUN	BR0017	-	-	275235	803855	680	-	6	PLUGGED 5/31/88
BO BARNAVON	BR0024	-	-	281823	804432	180	120	2	PLUGGED 6/10/88
ALLEN, NORMAN	BR0069	175	1590	275838	803109	346	102	4	PLUGGED 3/27/87
BREVARD CO. MC	BR0078	170	227	275208	802717	449	102	4	
BREVARD CO. MC	BR0080	200	234	275227	802803	406	103	4	PLUGGED 9/15/82
BREVARD CO. MC	BR0081	10	229	275231	802807	203	103	4	
SEAGRAPE AVE	BR0082	220	344	275301	802804	393	100	4	PLUGGED 9/22/82
BREVARD COUNTY	BR0083	126	230	275305	802804	363	103	3	
BREVARD CO. MC	BR0085	290	267	275357	802817	-	-	4	
BREVARD CO. MC	BR0086	200	214	275425	802838	358	101	4	
BREVARD CO. MC	BR0087	50	260	275518	802936	496	-	4	
HONEST JOHNS FISH CP	BR0091	5	320	275609	803024	363	103	4	PLUGGED 9/29/82
HONEST JOHNS FISH CP	BR0093	100	357	275628	803032	403	104	4	
BREVARD CO. MC	BR0098	200	1075	281829	804031	140	-	4	
WOLFMAN	BR0099	200	1048	281850	804038	141	104	4	
UNDETERMINED	BR0120	-	-	282330	803622	-	-	2	
BREVARD COUNTY	BR0151	15	1653	282420	804135	-	-	4	
MEGAWORLD CAMP GR	BR0158	-	6398	283017	804649	210	-	4	
UNDETERMINED	BR0182	80	691	275843	803502	-	-	6	PLUGGED 5/15/89
BREVARD CO.	BR0205	300	1980	282351	804203	-	-	2	
BREVARD CO. M. C.	BR0209	15	1319	282417	804135	-	-	2	
BREV. CO. MOSQUITO	BR0210	100	1377	282447	804105	-	-	4	CANNOT LOCATE
BEACHWOODS	BR0227	20	601	280153	803231	-	-	1.5	
BREVARD CO. MC	BR0238	135	1340	282416	804046	261	84	4	PLUGGED 8/10/88
MICHAEL, NEAL	BR0240	100	4309	282754	804310	-	-	4	
BREVARD CO. MC	BR0241	-	-	282601	804148	172	-	4	PLUGGED 08/09/88
DEER RUN	BR0253	845	768	275207	803951	680	100	6	PLUGGED 06/01/88
GDC PORT MALABAR	BR0258	250	800	275459	804011	336	107	6	PLUGGED 1984
GDC PORT MALABAR	BR0259	360	445	275530	804050	335	124	6	PLUGGED 1984
GDC PORT MALABAR	BR0261	15	750	275548	804135	316	93	4	PLUGGED 4/24/86
GDC PORT MALABAR	BR0262	360	820	275546	804145	299	123	6	PLUGGED 1984
GEN. DEVELOP. CORP.	BR0263	250	728	275630	804121	378	82	2	
GEN DEVELOP CORP.	BR0265	350	660	275648	804221	314	74	4	PLUGGED 4/22/86
LESTER BUTLER	BR0270	5	3580	282441	804244	-	-	3	PLUGGED 08/08/88
GDC PORT MALABAR	BR0278	50	665	275926	804146	347	127	4	PLUGGED 7/11/84

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
GDC PORT MALABAR	BR0282	360	490	280007	804337	349	87	6	PLUGGED 1984
JIM DIDATO	BR0359	-	499	280447	804141	450	85	4	PLUGGED 3/17/87
MTDCD	BR0365	13	735	275512	804122	-	-	2	
KENNEDY SPACE CENTER	BR0367	200	1820	283414	803912	225	131	4	PLUGGED 1984
BREVARD CO.	BR0386	175	1060	282123	804017	228	100	4	
A.L. READDY	BR0393	-	1022	281648	804022	248	126	4	
BREVARD CO. M. C.	BR0394	200	1162	281746	804027	290	-	4	
BREVARD CO. M.C.	BR0406	40	1680	282327	804034	260	-	4	
STATE OF FLORIDA	BR0409	165	207	275211	802722	448	102	4	
STATE OF FLORIDA	BR0410	190	200	275217	802721	377	81	3	
CEVESCO, INC.	BR0417	20	1136	282337	803654	-	-	3	
STATE OF FLORIDA	BR0422	-	-	275131	802704	-	-	0	PLUGGED 8/1/88
COUGH PUMPS	BR0423	450	-	275553	803138	798	71	12	
CITY OF ROCKLEDGE	BR0429	150	1062	281902	804407	230	-	4	
ENTERPRISE INTERNATI	BR0432	75	865	281830	804420	132	84	4	PLUGGED 6/5/85
MEYERS, JAMES	BR0433	77	968	281525	803950	220	-	4	PLUGGED 5/27/87
AQUARINA	BR0437	5	250	275520	802937	439	195	4	
AQUARINA #2	BR0438	0	-	275532	802921	378	103	4	
SJRWMD	BR0486	-	623	275040	804502	300	-	3	
SJRWMD	BR0487	-	331	275040	804529	295	114	3	
CURRY, T. BRADLEY	BR0488	-	700	281732	804023	221	104	4	PLUGGED 4/13/87
REDER ALBERT	BR0490	-	-	281739	804157	-	-	2	PLUGGED 3/12/87
GAUPP M.K.	BR0492	-	944	281908	804241	202	142	4	PLUGGED 3/24/87
BETHESDA RET HOME	BR0493	1400	580	280135	803516	1360	330	4	PLUGGED 4/28/87
ISINGS HANK	BR0494	500	333	275314	803025	500	-	6	PLUGGED 4/3/87
BROWNRING LYNN	BR0496	60	519	275751	803235	250	-	4	PLUGGED 3/31/87
M. BRUNO	BR0497	100	540	280138	803219	-	-	4	PLUGGED 06/08/88
WALDEN, F.E	BR0498	55	911	281842	804224	150	-	4	PLUGGED 3/13/87
THOMPSON, DEE	BR0500	-	-	282130	804504	240	200	4	PLUGGED 3/13/87
DAVIS	BR0502	75	-	281557	804010	261	-	4	PLUGGED 6\10\85
BROWNING LYNN	BR0503	30	475	275749	803240	250	-	2	PLUGGED 3/31/87
KUHL	BR0504	23	578	280431	803602	505	300	2	RECONS. 6/2/87
JACK FAULL	BR0506	-	-	282024	804438	150	-	3	PLUGGED 4/16/87
BREVARD COUNTY	BR0507	100	-	282108	804642	150	-	4	PLUGGED 4/16/87
RADENCIC, W.	BR0508	100	550	275838	803301	250	-	3	PLUGGED 5/1/87
L.C. JUDD & CO.	BR0509	-	-	280445	804140	184	83	6	PLUGGED/87
BREV. CO.	BR0511	-	-	280804	804118	350	80	2	PLUGGED 3/30/87

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
JACKS GLADYS	BR0512	15	410	280143	803511	405	190	2	PLUGGED/87
EMERSON RICHARD M	BR0513	15	571	280711	803751	-	-	1.5	PLUGGED/87
BENT M.S.	BR0514	20	735	281019	803714	230	-	3.5	PLUGGED 5/28/87
ROME SIM	BR0515	-	-	282336	804225	180	-	2	PLUGGED/87
IRSLINGER JOHN	BR0516	20	1453	282625	804245	210	-	4	PLUGGED/87
CITY OF MELBOURNE	BR0517	90	755	280449	803738	240	-	4	PLUGGED 5/28/87
JURGENS RODNEY	BR0518	10	696	280940	803513	220	-	2	PLUGGED 6/3/87
KROLL TED	BR0519	20	755	280940	803514	220	-	2	PLUGGED/87
BREVARD COUNTY	BR0520	10	2070	282204	804214	220	-	2	PLUGGED 5/29/87
CRISAFULLI BUD	BR0521	85	1830	282625	804310	200	-	3	PLUGGED 6/12/85
CITY OF PALM BAY	BR0522	200	627	275957	803928	290	128	4	PLUGGED 05/31/88
J.T. SPEEGLE	BR0523	-	-	281913	804242	-	-	2	
MERRILL MILLIKEN	BR0524	50	1652	282521	804304	140	-	4	PLUGGED 06/30/88
GARY K. HOBBS	BR0525	15	4177	282742	804300	150	-	0	PLUGGED 06/28/88
SAM ANDERSON	BR0530	685	706	281303	804018	494	100	6	PLUGGED 06/09/88
CRISAFULLI, B.	BR0533	75	1300	282808	804221	135	89	4	
WAYNE ABARE	BR0534	-	-	275918	803321	-	-	2	
SINGLETON	BR0536	5	1844	280745	803525	290	-	2	PLUGGED 6\8\88
GEORGE DEMASSEY	BR0543	5	-	282105	804137	-	-	2	PLUGGED 07/01/88
NASA	BR0544	550	2690	283227	804046	350	-	6	PLUGGED 06/22/88
JAMES LEWIS	BR0545	-	1100	282355	803959	120	-	2	PLUGGED
CAPE CANAVERAL AFS	BR0546	626	-	282500	803638	350	162	12	PLUGGED 06/14/88
PARRISH JESSIE J.	BR0548	50	770	284714	805134	150	84	4	PLUGGED 08/11/88
HANLON ED	BR0549	200	-	282514	804303	170	-	4	PLUGGED 06/29/88
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
DEER RUN	BR0561	550	-	275202	803853	680	-	6	PLUGGED 06/02/88
DEER RUN	BR0564	845	740	275218	803921	340	120	6	PLUGGED 06/01/88
UNDETERMINED	BR0566	150	741	275248	804022	200	-	3	PLUGGED 08/03/88
LEE MARTINES	BR0571	-	-	282051	803951	125	-	2	PLUGGED 7/1/88
KISER/MARTIN	BR0572	150	1550	282431	804245	445	-	4	PLUGGED 08/04/88
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	BR0577	200	-	282623	803425	360	-	4	PLUGGED 06/20/88
JOHN EDWARDS	BR0578	20	610	280335	803546	-	-	2	PLUGGED 06/07/88
NASA	BR0579	50	-	283130	803830	250	-	4	PLUGGED 06/22/88

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
FLA POWER & LIGHT	BR0580	1400	-	280457	803622	513	-	10	PLUGGED 06/06/88
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	1550	283130	804035	150	-	3	PLUGGED 06/27/88
HUMPHRY	BR0586	-	-	282708	804301	230	-	8	
FED NATL WILD REFUGE	BR0587	25	7500	283944	804633	200	114	4	PLUGGED 1984
FEDERAL (KSC)	BR0588	50	1370	283134	803802	246	139	4	
NASA	BR0589	100	1180	282845	803935	183	81	4	
FOOSANER	BR0590	100	1840	282756	804108	202	84	3	PLUGGED 6/11/85
FOOSANER	BR0591	100	1660	282757	804117	183	86	4	PLUGGED 6/12/85
GEORGE BALL	BR0592	120	1800	281845	803636	260	66	4	
DEER RUN	BR0593	-	-	275213	803738	720	-	10	PLUGGED 06/02/88
FOOSANER	BR0594	75	1520	282755	804106	212	36	4	PLUGGED 6/11/85
NASA	BR0595	200	-	283343	804014	190	83	4	
CAPE CANAVERAL AFB	BR0600	75	-	282741	803539	330	100	4	PLUGGED 06/17/88
CAPE CANAVERAL AFB	BR0601	70	-	282944	803244	270	888	3	PLUGGED 06/21/88
JACK SIMPSON	BR0602	50	1541	282218	804643	371	112	4	PLUGGED 5/30/85
CAPE CANAVERAL AFS	BR0603	400	-	282528	803604	350	-	8	PLUGGED 06/15/88
NASA-KSC	BR0608	-	1620	282921	804047	220	140	4	RECON. 1986
NASA-KSC	BR0609	135	3550	282907	804101	371	100	8	
NASA	BR0610	240	2550	282918	804100	366	113	6	
CAPE CANAVERAL AFS	BR0614	0	-	283104	804029	105	-	2	PLUGGED 06/24/88
BREVARD COUNTY	BR0622	20	-	282132	804701	85	-	2.5	PLUGGED 06/10/88
COUCH PUMPS	BR0623	623	38	275554	803138	628	159	8	PLUGGED 06/10/88
BAKER HARVERY L. JR.	BR0641	45	-	282205	804155	242	120	4	PLUGGED 6/4/87
RUFUS W. COTNEY	BR0642	30	2280	282432	804238	385	888	8	PLUGGED 06/29/88
GDC	BR0646	150	721	275552	804222	242	116	6	PLUGGED 4/23/86
GDC	BR0648	-	653	275657	804202	-	-	6	
GDC	BR0652	220	470	275607	804247	288	103	4	PLUGGED
GDC	BR0656	150	100	275652	804250	122	120	4	PLUGGED 4/24/86
FOOSANER	BR0661	100	-	282759	804108	220	-	4	PLUGGED 6/12/85
CITY OF COCOA BEACH	BR0662	-	-	282109	803623	330	888	4	6/9/85
PATRICK AFB	BR0663	311	-	281306	803624	263	102	6	PLUGGED 8/11/85
BREWER, GRAY	BR0664	50	4220	282622	804534	-	-	2	PLUGGED 6//4/85
PATRICK AFB	BR0665	400	860	281130	803617	283	92	4	PLUGGED 4/29/86
PATRICK AFB	BR0666	215	1240	281122	803614	278	93	3.5	PLUGGED 4/30/86
PATRICK AFB	BR0667	222	924	281127	803612	354	92	4	PLUGGED 7/14/86

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
PATRICK AFB	BR0668	294	756	281127	803604	492	93	4	PLUGGED 7/14/86
PATRICK AFB	BR0669	346	924	281124	803605	383	92	4	PLUGGED 7/15/86
PATRICK AFB	BR0677	328	1390	281145	803606	476	95	4	PLUGGED 7/16/86
PATRICK AFB	BR0678	222	828	281142	803612	383	94	4	PLUGGED 7/16/86
PATRICK AFB	BR0679	215	790	281139	803613	363	94	4	PLUGGED 7/17/86
PATRICK AFB	BR0680	412	944	281136	803514	497	92	3.5	PLUGGED 7/17/86
PATRICK AFB	BR0681	385	690	281133	803611	382	94	4	PLUGGED 7/18/86
BREVARD CO MC	BR0694	75	-	282420	804047	217	84	4	
NASA	BR0695	-	1362	282747	803947	57	888	3	
BREVARD COUNTY	BR0696	1400	202	275229	802954	743	194	10	PLUGGED 4/16/86
STEEL DAVE	BR0699	280	-	282350	804310	308	95	6	PLUGGED 7/9/86
KLUG PETER	BR0700	200	1470	281903	804109	240	888	6	PLUGGED 4/14/87
SPEARS	BR0701	2	-	275229	802958	200	888	2	PLUGGED 4/18/86
CITY OF COCOA BEACH	BR0702	250	900	281846	803809	265	233	6	PLUGGED 7/11/86
ARMSTRONG BILL	BR0703	-	-	280820	803537	888	888	2	PLUGGED 5/87
SUNSHINE NURSERY	BR0707	130	496	275634	803107	300	-	2	PLUGGED 4/18/86
WEIGERIF E. L.	BR0709	-	-	281816	804037	218	98	6	PLUGGED 7/10/86
JIM SARTORI	BR0718	120	564	275312	804147	295	-	3	PLUGGED 08/03/88
REN CRISAFULLI	BR0719	100	832	282747	804137	-	-	3	PLUGGED 08/08/88
GEORGE W LEWIS	BR0721	5	996	282113	804212	250	-	2.5	PLUGGED 08/05/88
CITY OF MELBOURNE	BR0722	5	548	280832	803813	-	-	3	PLUGGED 08/02/88
BRAIN HAMILTON	BR0723	500	1120	281942	804104	-	-	6	PLUGGED 08/09/88
DALE WRIGHT	BR0724	-	-	282405	804236	105	-	4	PLUGGED 08/05/88
SJRWMD	BR0726	100	376	275336	804543	-	-	3	PLUGGED 9/28/88
SJRWMD	BR0727	25	1510	283644	805748	-	-	2	PLUGGED 9/26/88
UNDETERMINED	BR0728	75	690	275955	804022	-	-	2	PLUGGED 9/6/88
DONALD M HUBER	BR0729	160	729	275953	804025	260	-	4	PLUGGED 9/06/88
DONALD M HUBER	BR0730	650	658	275945	804027	300	-	6	PLUGGED 9/07/88
DONALD M HUBER	BR0731	75	713	275954	804032	200	-	3	PLUGGED 09/07/88
JACK RAY FIELD	BR0732	200	1710	282544	804224	125	-	3	PLUGGED 09/09/88
JEKYLL INC.	BR0733	800	627	280752	803734	470	-	6	PLUGGED 09/08/88
LEON WINDLE	BR0734	35	1660	282224	804208	125	-	2	PLUGGED 09/09/88
JERRY SCHAPPACHER	BR0735	10	1170	280400	803549	-	-	2	PLUGGED 09/08/88
ROBERT WHITE	BR0736	5	1740	282225	804208	-	-	2	PLUGGED 09/09/88
JIM SARTORI	BR0737	25	-	275322	804049	140	-	3	PLUGGED 8/2/88
PETER HAYES	BR0839	-	-	282508	804040	215	-	4	PLUGGED 4/10/89
PETER HAYES	BR0840	-	-	282534	804044	-	-	2	PLUGGED 4/10/89

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
PETER HAYES	BR0841	-	-	282518	804039	220	-	6	PLUGGED 4/10/89
PETER HAYES	BR0842	-	-	282548	804043	-	-	2.5	PLUGGED 4/11/89
PETER HAYES	BR0843	-	-	282538	804040	-	-	6	PLUGGED 4/12/89
PETER HAYES	BR0844	-	-	282523	804048	230	-	10	PLUGGED 4/12/89
PETER HAYES	BR0845	-	-	282552	804038	-	-	2	PLUGGED 04/12/89
PETER HAYES	BR0846	-	-	282532	804046	-	-	4	PLUGGED 4/10/89
PETER HAYES	BR0847	-	-	282508	804037	-	-	6	PLUGGED 4/11/89
ED SCHMITT-PALM BAY	BR0848	-	-	280122	803734	-	-	2	PLUGGED 5/11/89
CLIFFORD ROSEN	BR0849	-	-	281010	803904	-	-	4	PLUGGED 5/11/89
FRED WOELK	BR0851	-	-	282822	804307	-	-	6	PLUGGED 4/20/89
JACK SELMON	BR0852	-	-	282748	804247	-	-	2	PLUGGED 4/13/89
BREVAR CO. MOSQUITO	BR0853	-	-	282420	804134	-	-	4	PLUGGED 4/13/89
CLINTON BURR	BR0855	-	-	282331	804220	-	-	2	PLUGGED 4/17/89
HUMPHRY	BR0856	-	-	282708	804301	230	-	8	
HUMPHRY	BR0857	-	1510	282701	804240	-	-	2	PLUGGED 4/20/89
HUMPHRY	BR0858	-	-	282713	804257	-	-	2	PLUGGED 4/20/89
HUMPHRY	BR0859	-	-	282722	804310	-	-	6	PLUGGED 4/18/89
HUMPHRY	BR0860	-	-	282706	804251	-	-	3	PLUGGED 4/19/89
HUMPHRY	BR0861	-	-	282745	804303	-	-	2	PLUGGED 4/18/89
HUMPHRY	BR0862	-	-	282705	804250	-	-	2	PLUGGED 4/19/89
HUMPHRY	BR0863	-	-	282722	804311	15	-	2	PLUGGED 4/18/89
HUMPHRY	BR0864	-	-	282722	804302	30	-	1.25	PLUGGED 4/18/89
HUMPHRY	BR0865	-	-	282715	804250	-	-	2	PLUGGED 4/20/89
EDGAR GRIFFIS	BR0866	-	-	282413	804010	-	-	2	PLUGGED 4/17/89
HENRY HEBERT	BR0867	-	-	282113	803628	-	-	2	PLUGGED 4/17/89
JOHN MCNAUGHT	BR0868	-	-	275531	803126	215	-	6	PLUGGED 4/24/89
UNDERRILL REALTY	BR0869	-	-	280554	804201	-	-	2	PLUGGED 4/24/89
PATRICIA HUNT	BR0870	-	-	280443	803650	-	-	2	PLUGGED 4/24/89
JOHN WALDEN	BR0871	-	-	280000	804202	-	-	4	PLUGGED 4/25/89
RIVERCRE ST PLAZA	BR0872	-	450	280953	803839	-	-	2	PLUGGED 5/19/89
BREV CO SCHOOL	BR0873	-	-	275331	803834	-	-	8	PLUGGED 4/25/89
RIVERCRE ST PLAZA	BR0874	-	-	280954	803841	-	-	6	PLUGGED 5/19/89
DAN PREVSS	BR0875	-	-	275647	803207	-	-	2	PLUGGED 5/15/89
DOMENIK RICHICHI	BR0890	-	-	275701	803208	-	-	2	PLUGGED 7/20/89
GENERAL DEVELOPMENT	BR0891	-	-	280012	804432	-	-	4	PLUGGED 7/19/89
GENERAL DEVELOPMENT	BR0892	-	-	280023	804417	-	-	4	PLUGGED 7/18/89
GENERAL DEVELOPMENT	BR0893	-	-	280026	804428	-	-	4	PLUGGED 7/19/89

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
GENERAL DEVELOPMENT	BR0894	-	-	280036	804441	-	-	3	PLUGGED 7/18/89
RIVERCREST PLAZA	BR0895	-	-	280944	803836	-	-	2	PLUGGED 7/25/89
RIVERCREST PLAZA	BR0896	-	-	280945	803839	-	-	2.5	PLUGGED 7/13/89
RIVERCREST PLAZA	BR0897	-	-	280950	803838	-	-	2	PLUGGED 7/25/89
A. DUDA & SONS	BR0898	-	-	281347	804322	-	-	4	PLUGGED 7/20/89
G.A. TUCKER	BR0899	-	-	281807	804455	-	-	4	PLUGGED 7/17/89
BO BARNAVON	BR0900	-	-	281821	804424	-	-	4	PLUGGED 7/17/89
MARGARET PETERSON	BR0901	-	-	281855	804113	-	-	3	PLUGGED 7/26/89
DOROTHY BEHL	BR0902	-	-	282229	804012	-	-	2	PLUGGED 7/27/89
GILLISPEE	BR0932	-	-	282022	804159	-	-	2	
ARNETT	BR0933	-	-	282142	804133	-	-	2	
MARCZAK	BR0934	-	-	282247	804140	-	-	2	
RIVERCREST PLAZA	BR0935	-	-	290951	803839	-	-	2	
CAMPBELL & ASSOC.	BR0938	-	-	282633	804245	-	-	4	
GREEN	BR0939	-	-	282330	803619	-	-	3	
CRAWFORD GROVE SERV.	BR0940	-	-	282845	804309	-	-	2	
BREV. CO MOSQUITO	BR0941	-	-	281608	804059	-	-	4	
JEKYLL INC	BR1043	-	-	280753	803734	-	-	6	
DUPOND	C-0005	-	5	300302	814227	-	-	3	PLUGGED 3/29/89
USGS	C-0009	-	-	294313	820246	259	204	4	
CHEROKEE BRICK/TILE	C-0013	150	5	300620	814628	-	-	6	PLUGGED 9/20/88
JIM HARGIS	C-0090	-	-	300455	814911	-	-	4	REPAIRED 9/26/88
SKINNER BRYANT	C-0129	-	4	300409	815152	888	888	6	REPAIRED 9/21/88
UNDERTIMINED	D-0428	20	25	302318	813647	-	-	6	
UNDERTIMINED	D-0430	-	31	302318	813019	426	344	4	PLUGGED 5/20/87
RIVERSIDE GROUP	D-0691	25	22	302305	813654	-	-	0	
G.A. MHOON	D-0692	70	33	302109	812840	-	-	3	
CITY OF JACKSONVILLE	D-2559	-	-	302744	814217	-	-	8	
PUBLIC DOMAIN	F-0029	250	7560	293401	811111	-	-	6	
WASHINGTON OAKS S.P.	F-0030	70	-	293758	811232	380	-	4	
UNDETERMINED	F-0031	1	1020	292523	812538	-	-	6	
UNDETERMINED	F-0134	-	1380	293338	811005	152	134	4	PLUGGED 1/30/85
UNDETERMINED	F-0213	25	-	292519	812553	-	-	0	PLUGGED 1/22/85
HAMMOCK BAPTIST CHUR	F-0220	30	-	293547	811147	-	-	4	PLUGGED 1/24/85
ARMOND FISHETTE	F-0221	20	-	293501	811149	888	888	6	PLUGGED 1985
ARMOND FISHETTE	F-0222	60	-	293504	811150	888	888	6	PLUGGED 1985
ITT PALM COAST	F-0223	10	1600	293500	811135	888	888	6	PLUGGED 1985

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
SHAEFFER	F-0224	5	-	292911	810803	888	888	2	PLUGGED 2/7/85
HODGES	F-0237	10	-	292517	812542	-	-	2	PLUGGED 1/23/85
HODGES	F-0238	10	-	292517	812543	-	-	2	PLUGGED 1/23/85
PUBLIC DOMAIN	F-0239	-	-	292525	812530	-	-	2	
IHLENFELDT	F-0253	40	-	293628	811203	158	147	4	PLUGGED 2/4/85
SHOW, GEARLDINE	F-0254	-	-	293709	811219	-	-	4	PLUGGED 1/31/85
WESTBROOK, J.H	F-0255	10	-	293352	811101	138	87	2	PLUGGED 1/30/85
SJRWMD	IR0135	-	595	274658	804301	317	114	3	PLUGGED 4/20/87
GRAVES BROS. CO.	IR0288	-	-	274448	802618	888	888	888	
SJRWMD	IR0306	-	805	274722	804301	300	-	3	PLUGGED 4/20/87
SJRWMD	IR0307	-	484	274658	804401	300	-	3	PLUGGED 4/20/87
SJRWMD	IR0308	-	554	274724	804404	275	-	3	PLUGGED 4/21/87
SJRWMD	IR0309	-	-	274745	804404	275	-	3	PLUGGED 4/21/87
SJRWMD	IR0310	-	-	274710	804234	300	-	3	PLUGGED 4/24/87
SJRWMD	IR0314	-	595	273649	804527	-	-	8	
SJRWMD	IR0317	-	793	273626	804632	-	-	8	
SJRWMD	IR0318	25	630	273738	804514	-	-	6	
SJRWMD	IR0347	-	-	274552	804301	-	-	3	
SJRWMD	IR0348	-	-	274615	804404	-	-	3	
SJRWMD	IR0349	-	-	274617	804301	300	-	3	PLUGGED 4/22/87
SJRWMD	IR0357	100	432	273630	804603	888	888	6	
SJRWMD	IR0360	20	697	273714	804530	888	888	6	
SJRWMD	IR0397	150	406	274026	803847	400	-	2.5	PLUGGED 4/30/87
SJRWMD	IR0398	-	-	274040	803847	400	-	4	PLUGGED 5/5/87
SJRWMD	IR0399	-	-	274047	803902	50	-	2	PLUGGED 4/29/87
SJRWMD	IR0400	-	-	274053	803839	50	-	2	PLUGGED 4/29/87
SJRWMD	IR0454	25	529	273401	804535	888	888	6	
SJRWMD	IR0455	250	502	273408	804421	888	888	6	
SJRWMD	IR0456	-	418	273424	804415	888	888	5	
SJRWMD	IR0457	-	428	273449	804411	888	888	6	
SJRWMD	IR0458	25	474	273425	804345	888	888	4	
SJRWMD	IR0459	175	83	273424	804344	888	888	6	
SJRWMD	IR0460	-	-	273451	804241	888	888	6	
SJRWMD	IR0461	-	603	273401	804232	888	888	6	
SJRWMD	IR0462	10	674	273357	804217	888	888	6	
SJRWMD	IR0463	28	62	273356	804314	888	888	6	
SJRWMD	IR0464	175	118	273343	804345	888	888	6	

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
MARIONNE STOUGH	IR0492	-	453	274513	802931	208	104	4	
WODTKE LOUIS	IR0494	-	390	275028	802929	-	-	2	
SUN AG INC	IR0495	-	-	274917	803928	-	-	6	
SUN AG INC	IR0496	-	-	294917	804040	-	-	3	
RYALL GROVES	IR0501	-	-	274421	802823	-	-	2	
JOHN BRADLEY	IR0503	-	-	273758	802247	-	-	4	
I.R.COUNTY UTILITIES	IR0505	-	-	273659	803010	-	-	6	
I.R. COUNTY UTILITIE	IR0506	-	371	273649	803019	-	-	4	
I.R. COUNTY UTILITIE	IR0507	-	392	273646	803036	-	-	6	
SJRWMD	IR0512	-	-	274643	804229	-	-	3	
SJRWMD	IR0518	-	337	273417	804541	-	-	6	
SJRWMD	IR0522	-	556	273655	804552	-	-	8	
SJRWMD	IR0524	-	644	273723	804553	-	-	6	
SJRWMD	IR510	-	-	274528	804230	-	-	3	
HASTINGS & GREEN	M-0043	-	-	292349	820526	888	888	6	
SJRWMD	OR0466	75	-	283407	805943	-	-	3	
MCCOOK MARY	SJ0024	120	147	295327	811929	250	888	4	PLUGGED 3/25/86
STONE JAMES	SJ0038	-	1400	294212	813023	510	122	6	ASCS
CITY OF ST AUGUSTINE	SJ0213	-	80	295307	811716	300	225	10	
UNDETERMINED	SJ0505	60	3500	295751	812653	-	-	4	
UNDETERMINED	SJ0506	30	54	295646	812638	-	-	4	
DRYSDALE	SJ0512	-	1600	294923	811623	-	-	6	
PUBLIC DOMAIN	SJ0518	-	-	295144	811556	888	888	6	
WELATKA FRUIT CO.	SJ0522	310	2068	294137	812936	510	60	6	PLUGGED 5/28/86
WELATKA FRUIT CO	SJ0523	100	1740	294134	812936	524	51	6	PLUGGED 5/22/86
WELATKA FRUIT CO	SJ0524	135	5860	294136	812936	516	55	6	PLUGGED 5/21/86
WELATKA FRUIT CO	SJ0525	130	1960	294129	812936	503	60	6	PLUGGED 5/30/86
WELATKA FRUIT CO	SJ0526	130	1250	294126	812936	484	81	6	PLUGGED 6/9/86
WELATKA FRUIT CO.	SJ0527	130	-	294131	812943	-	-	6	PLUGGED 6/9/86
WELATKA FRUIT CO	SJ0528	-	-	294050	812944	-	-	6	PLUGGED
DOT	SJ0560	-	168	295410	811845	888	888	6	
BULLS-HIT RANCH & FA	SJ0561	250	641	294155	813315	240	888	8	BACK PLUGGED
BULLSHIT RANCH&FARM	SJ0562	1	-	294107	813048	120	888	3	PLUGGED 6/10/86
SINGLETON, JAMES	SJ0564	-	418	293928	812958	256	76	3	PLUGGED 6/4/86
JOHNS DANNY	SJ0600	-	-	294024	812957	406	110	4	RECONSTRUCTED
A.R.E.C.	SJ0682	-	-	294318	812942	-	-	0	
FLORIDA GAME & FISH	S-0050	55	1850	284306	811019	102	62	4	PLUGGED 9/22/87

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
FLORIDA GAME & FISH	S-0051	10	1555	284306	811017	122	119	4	PLUGGED 9/23/87
FLORIDA GAME & FISH	S-0052	-	1650	284306	811015	102	888	4	PLUGGED 9/23/87
FLORIDA GAME & FISH	S-0053	-	1700	284310	811019	115	888	3	PLUGGED 9/22/87
FLORIDA GAME & FISH	S-0054	-	1625	284310	811017	123	108	4	PLUGGED 9/23/87
FLORIDA GAME & FISH	S-0055	10	1740	284310	811015	130	77	4	PLUGGED 9/22/87
PAT JO WALLS	S-0056	-	580	284853	811737	888	888	3	
FLORIDA GAME & FISH	S-0105	-	-	284310	811020	120	-	3	PLUGGED 9/23/87
PAT JO WALLS	S-0204	-	-	284854	811739	-	-	3	
PAT JO WALLS	S-0205	-	-	284847	811736	-	-	3	
WATSON	S-0262	-	-	284734	811256	-	-	2	
WATSON	S-0263	-	-	284744	811250	-	-	2	
WATSON	S-0264	-	-	284745	811254	-	-	2	
WATSON	S-0265	-	-	284745	811250	-	-	2	
EUROFUND	S-0270	-	-	284850	811726	-	-	4	
EUROFUND	S-0271	-	833	284852	811725	-	-	2	
SEM. CO. DOT	S-0274	-	-	284450	811552	-	-	3	
BASS	S-0275	-	16	284916	811908	-	-	2	
BASS	S-0276	-	24	284915	811908	-	-	3	
MERIWETHER	S-0277	-	802	284756	811326	-	-	2	
MERIWETHER	S-0278	-	762	284749	811330	-	-	2	
VINCENT, LEFFLER	S-0279	-	-	284226	811646	-	-	2	
VINCENT LEFFLER	S-0280	-	-	284226	811644	-	-	2	
VINCENT LEFFLER	S-0281	-	-	284226	811643	-	-	2	
U OF FLA	S-0500	0	-	284807	811400	-	-	2	PLUGGED 03/23/89
U OF FLA	S-0501	1.3	494	284809	811400	-	-	0.75	PLUGGED 3/23/89
U OF FLA IFAS	S-0502	31.5	505	284809	811400	-	-	3	PLUGGED 3/23/89
U OF FLA IFAS	S-0506	0	426	284754	811405	-	-	2	PLUGGED 3/16/89
U OF FLA IFAS	S-0507	0	445	284804	811405	-	-	2	PLUGGED 3/16/89
NEW TRIBES MISSION	S-0508	0	-	284751	811456	-	-	4	PLUGGED 3/13/89
NEW TRIBES MISSION	S-0509	0	377	284756	811453	-	-	1	PLUGGED 3/13/89
NEW TRIBES MISSION	S-0510	-	374	284757	811452	-	-	2	PLUGGED 3/13/89
NEW TRIBES MISSION	S-0511	0	383	284801	811452	-	-	2.5	PLUGGED 3/09/89
NEW TRIBES MISSION	S-0512	0	-	284800	811452	-	-	3	PLUGGED 03/09/89
NEW TRIBES MISSION	S-0517	1.22	432	284753	811448	-	-	3	PLUGGED 3/13/89
SEMINOLE CNTY DOT	S-0524	0	-	284848	811322	-	-	0	PLUGGED 3/15/89
EUROFUND	S-0526	0	1000	284901	811725	-	-	3	
EUROFUND	S-0529	-	906	284853	811725	-	-	4	

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
EUROFUND	S-0530	-	857	284851	811725	-	-	0	
SEMINOLE CNTY RD DEP	S-0534	-	-	284911	811923	-	-	0	PLUGGED 3/07/89
SEMINOLE CNTY - DOT	S-0535	-	618	284448	811552	-	-	3	PLUGGED 3/21/89
SEMINOLE CNTY RD DEP	S-0540	-	38	283918	811321	-	-	4	PLUGGED 03/08/89
SAN FLA INV LTD	S-0542	-	396	284855	811814	-	-	3	PLUGGED 3/07/89
SEMINOLE CNTY RD DEP	S-0547	0	50	283918	811253	-	-	4.5	PLUGGED 3/08/89
KIRCHHOFF, BILL	S-0564	-	317	284909	811800	-	-	2	
MERIWETHER	S-0567	-	-	284801	811330	-	-	1.5	
MERIWETHER	S-0568	-	549	284758	811330	-	-	2	
MERIWETHER	S-0569	-	-	284800	811330	-	-	0	
MERIWETHER	S-0570	-	-	284759	811330	-	-	0	
MERIWETHER	S-0571	-	-	284753	811330	-	-	0	
MERIWETHER	S-0572	-	-	284746	811330	-	-	0	
MERIWETHER	S-0573	-	521	284752	811326	-	-	0	
MERIWETHER	S-0575	-	-	284755	811326	-	-	0	
MERIWETHER	S-0576	-	532	284758	811326	-	-	0	
MERIWETHER	S-0577	-	969	284758	811336	-	-	2.5	
STENSTROM	S-0578	-	-	284749	811332	-	-	0	
STENSTROM	S-0579	-	-	284748	811334	-	-	3.5	
STENSTROM	S-0580	-	-	284747	811335	-	-	3	
STENTROM	S-0581	-	936	284745	811336	-	-	3	
BASS	S-0585	-	28	284922	811909	-	-	2.5	
BASS	S-0586	-	19	284914	811912	-	-	3.5	
BASS	S-0587	-	27	284916	811913	-	-	3	
BASS	S-0588	-	16	284908	811915	-	-	3	
BASS	S-0589	-	16	284908	811912	-	-	0	
BASS	S-0590	-	17	284908	811912	-	-	3	
BASS	S-0591	-	14	284907	811912	-	-	2.5	
SR 46 RIGHT OF WAY	S-0599	-	97	284839	811825	-	-	3	PLUGGED 3/07/89
MIRANDA HOMES	S-0601	-	-	284915	811918	-	-	2	PLUGGED 3/20/89
BASS	S-0602	-	-	284928	811916	-	-	2	
BASS	S-0603	-	-	284926	811916	-	-	4	
BASS	S-0604	-	-	284924	811917	-	-	2	
BASS	S-0605	-	-	284918	811908	-	-	3	
BASS	S-0606	-	-	284914	811908	-	-	4	
BASS	S-0607	-	-	284911	811908	-	-	4	
BASS	S-0608	-	-	284906	811908	-	-	2	

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
BASS	S-0609	-	-	284904	811908	-	-	2	
BASS	S-0610	-	-	284902	811908	-	-	2	
LEFFLER, VINCENT	S-0615	-	-	284226	811714	-	-	3	
LEFFLER, VINCENT	S-0616	-	-	284232	811725	-	-	2	
LEFFLER, VINCENT	S-0617	-	-	811642	284233	-	-	8	
LEFFLER, VINCENT	S-0618	-	-	284232	811647	-	-	2	
LEFFLER, VINCENT	S-0620	-	-	284228	811646	-	-	2	
LEFFLER, VINCENT	S-0621	-	-	284228	811644	-	-	2	
LEFFLER, VINCENT	S-0622	-	-	284227	811645	-	-	2	
LEFFLER, VINCENT	S-0623	-	-	284226	811651	-	-	2	
LEFFLER, VINCENT	S-0624	-	-	284226	811652	-	-	2	
LEFFLER, VINCENT	S-0625	-	9	284226	811655	-	-	2	
LEFFLER, VINCENT	S-0626	-	-	284225	811704	-	-	2	
LEFFLER, VINCENT	S-0627	-	-	284225	811713	-	-	2	
LEFFLER, VINCENT	S-0628	-	-	284225	811714	-	-	3	
LEFFLER, VINCENT	S-0629	-	-	284215	811705	-	-	2	
UNDETERMINED	S-0636	-	-	284934	811923	-	-	1	PLUGGED 3/20/89
WATSON JOE	S-0651	-	600	284750	811256	-	-	2	REPAIRED 3/15/89
KIRCHHOFF, BILL	S-0655	-	-	284903	811812	-	-	1.5	
KIRCHHOFF, BILL	S-0657	-	-	284837	811556	-	-	0	
BROWN GEORGE	S-0669	-	516	284812	811333	-	-	2	PLUGGED 03/15/89
SEMINOLE COUNTY DOT	S-0725	-	39	283918	811323	-	-	4	PLUGGED 03/08/89
NEW TRIBES	S-0726	-	377	284759	811454	-	-	2	PLUGGED 3/13/89
NEW TRIBES MISSION	S-0727	-	-	284752	811448	-	-	2	PLUGGED 3/13/89
BROWN GEORGE	S-0728	-	10	284804	811332	-	-	0	
VINCENT LEFFLER	S-0728	-	10	284226	811653	-	-	2	
VINCENT LEFFLER	S-0729	-	-	284226	811654	-	-	2	
MIRARDA HOMES	S-0730	-	-	284916	811916	-	-	2	
WHARTON SMITH	S-0731	-	-	284920	811926	-	-	2	
WHARTON SMITH	S-0732	-	-	284920	811925	130	-	3	
WHARTON SMITH	S-0733	-	-	284920	811924	-	-	2	
WATSON JOE	S0640	-	-	284735	811342	-	-	3	REPAIRED 3/19/89
WATSON JOE	S0641	-	-	284734	811342	-	-	2	REPAIRED 3/14/89
WATSON JOE	S0642	-	-	284731	811315	-	-	4	REPAIRED 3/14/89
WATSON JOE	S0643	-	-	284735	811321	-	-	3	REPAIRED 3/14/89
WATSON JOE	S0644	-	-	284733	811319	-	-	4	REPAIRED 3/14/89
WATSON, JOE	S0645	-	-	284724	811300	-	-	4	REPAIRED 3/15/89

SJRWMD PLUGGED OR REPAIRED WELL INVENTORY

WELL OWNER	WELL ID	FLOW GPM	CHLORIDE PPM	LAT	LONG	WELL DEPTH	CASE DEPTH	WELL DIAM	COMMENTS
WATSON, JOE	S0646	-	-	284734	811257	-	-	3	REPAIRED 3/16/89
WATSON JOE	S0647	-	-	284734	811255	-	-	2	REPAIRED 3/16/89
WATSON JOE	S0648	-	-	282744	811252	-	-	3	REPAIRED 3/15/89
WATSON JOE	S0649	-	-	284744	811252	-	-	2	REPAIRED 3/16/89
WATSON	S0650	-	-	284748	811254	-	-	4	REPAIRED 3/15/89
LAWERENCE FARMS, INC	V-0052	30	1040	290748	812109	-	-	8	
LAWERENCE FARMS, INC	V-0053	30	1700	290746	812109	-	-	8	PLUGGED 2/13/85
L. WOODRUFF WILDLIFE	V-0054	25	83	290324	812222	-	-	3	PLUGGED 2/14/85
LAWERENCE FARMS, INC	V-0058	75	3780	290452	812109	-	-	8	
UNION BAG	V-0154	25	3460	291543	813206	116	90	2	
A. RICH	V-0159	50	490	285645	805235	125	-	6	
SJRWMD	V-0200	290.00	590	291031	805904	160	98	4	RECONSTRUCT/86
SJRWMD	V-0508	-	9280	290103	805519	998	130	3	RECONSTRUCTED 9/20/87

Appendix C

CONTRACTUAL AND COOPERATIVE AGREEMENTS

Appendix C-1

COOPERATIVE AGREEMENT BETWEEN
SJRWMD AND BREVARD COUNTY

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

THIS AGREEMENT is made and entered into this 6th day of December, 1988, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT), and the BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS (hereinafter the COUNTY).

WITNESSETH:

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

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

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

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

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

WHEREAS, the COUNTY, based on information from its "206" program and other water resources investigations, has declared the waste of ground water by uncontrolled free-flowing wells to be a serious concern; and

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

WHEREAS, the COUNTY and the DISTRICT desire to jointly fund the costs of plugging uncontrolled free-flowing wells located in Brevard County in a total amount of Fifty Thousand Dollars (\$50,000), by each party hereto committing Twenty-Five Thousand Dollars (\$25,000); and

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

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

ARTICLE I. - SCOPE OF WORK

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

ARTICLE II. - DURATION OF CONTRACT

This Agreement shall be effective upon the execution thereof and shall continue until September 30, 1989. The DISTRICT and the COUNTY may elect to renew the terms of this Agreement on an annual basis.

ARTICLE III. RESPONSIBILITIES OF THE DISTRICT

- A. The DISTRICT shall administer the provisions of this Agreement.
- B. The DISTRICT shall obligate for the purposes of this Agreement up to a maximum of Twenty-Five Thousand Dollars (\$25,000) for controlling abandoned artesian wells in Brevard County, Florida (said funds are budgeted in Fiscal Year 1986-89 under Project No. 10-018-02).
- C. The DISTRICT shall obtain the services of a qualified water-well contractor through the following steps:
 - 1. develop general bid specifications for plugging abandoned artesian wells in conjunction with the COUNTY; and
 - 2. publish a notice of solicitation of bids in a newspaper of general circulation in Brevard County and other counties, as deemed necessary, as minimum written notice; and
 - 3. solicit bids, and select the lowest responsible bidder.
- D. The DISTRICT shall award a contract to the lowest qualified bidder, and administer the contract in the following general manner:

1. control the subcontracting of services by any contractor who is a party to the Agreement with the DISTRICT by requiring that no sub-contract can be entered into by contractor without prior DISTRICT approval; and
 2. notify the COUNTY upon execution of the Agreement with the selected contractor; and
 3. do such other things as are necessary to administer the contracts.
- E. Provide professional and technical support necessary to address all aspects of the work to water-well contractors who enter into an Agreement with the DISTRICT to carry out the project in Ereward County.
- F. Invoice the COUNTY on a quarterly basis for fifty percent (50%) of the cost of materials and labor, up to a maximum of Twenty-Five Thousand Dollars (\$25,000).

ARTICLE IV. RESPONSIBILITIES OF THE COUNTY

- A. The COUNTY shall obligate for the purposes of this Agreement up to a maximum of Twenty-Five Thousand Dollars (\$25,000).
- B. The COUNTY shall pay the DISTRICT up to Twenty-Five Thousand Dollars (\$25,000) for services of a water well contractor and materials needed by the contractor, as described in Article III above, upon receipt of quarterly invoices from the DISTRICT.
- C. The COUNTY shall also provide in-kind services to locate wells which are to be controlled, and to obtain the written consent of the property owners to have their wells controlled by the Contractor.

ARTICLE V. INDEMNITY AND INSURANCE

- A. Each party is responsible for all personal injury and property damage attributable to the negligent acts or omissions of that party and the officers, employees and agents thereof. The COUNTY shall not be responsible for personal injury or property damage attributable to the negligent acts or omissions of the contractor hired by the DISTRICT to perform the work pursuant to this agreement.
- B. The parties further agree that nothing contained herein shall be construed or interpreted as denying to any party any remedy or defense available to such parties under the laws of the State of Florida; the consent of the State of Florida or its agents and agencies to be sued by reason hereon; nor as a waiver of sovereign immunity of the State of Florida beyond the waiver provided for in Section 768.28, F.S.

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

ARTICLE VI. TERMINATIONS

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

ARTICLE VII. APPROVALS

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

ARTICLE VIII. NOTICE

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

ARTICLE IX. GOVERNING LAW

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

ARTICLE X. ENTIRE AGREEMENT

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

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

BREVARD BOARD OF COUNTY COMMISSIONERS

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: *Roger W. Dobson*
Roger W. Dobson, Chairman

By: *John L. Minton*
John L. Minton, Chairman

Attest: *R.C. Winstead, Jr.*
R.C. Winstead, Jr., Clerk

Attest: *Saundra H. Gray*
Saundra H. Gray, Secretary

(SEAL)

(SEAL)

APPROVED AS TO FORM AND LEGALITY

John W. Williams
John W. Williams, Staff Attorney

Appendix C-2

COOPERATIVE AGREEMENT BETWEEN SJRWMD
AND SEMINOLE SOIL AND WATER CONSERVATION DISTRICT

AGREEMENT BETWEEN
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND
SEMINOLE SOIL AND WATER CONSERVATION DISTRICT
FOR THE CONTROLLING OF ABANDONED ARTESIAN WELLS
IN SEMINOLE COUNTY

THIS AGREEMENT is made and entered into this 16th day of November 1988, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter the SJRWMD), and the SEMINOLE SOIL AND WATER CONSERVATION DISTRICT (hereinafter the SSWCD).

WITNESSETH:

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

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

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

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

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

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

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

WHEREAS, SSWCD and SJRWMD desire to jointly fund the costs incurred by a licensed water-well contractor in the controlling of abandoned artesian wells located in Seminole County in a total amount of Thirty Thousand Dollars (\$30,000).

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

ARTICLE I. - SCOPE OF WORK

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

ARTICLE II. - DURATION OF CONTRACT

This Agreement shall be effective upon the execution thereof and shall continue until September 30, 1989. SJRWMD and SSWCD may elect to renew the terms of this Agreement on an annual basis.

ARTICLE III. RESPONSIBILITIES OF THE SJRWMD

- A. SJRWMD shall administer the provisions of this Agreement.
- B. SJRWMD shall obligate for the purposes of this Agreement up to a maximum of Fifteen Thousand Dollars (\$15,000) for controlling abandoned artesian wells in Seminole County, Florida (said funds are budgeted in Fiscal Year 1988-89 under Project No. 10-018-02).
- C. SJRWMD shall obtain the services of a qualified water-well contractor through the following steps:
 - 1. develop general bid specifications for wells which shall be controlled in conjunction with SSWCD; and
 - 2. publish a notice of solicitation of bids in a newspaper of general circulation in Seminole County and other counties, as deemed necessary, as minimum written notice; and
 - 3. solicit bids, and select the lowest responsible bidder.
- D. SJRWMD shall award a contract to the lowest responsible bidder, and administer the contract in the following general manner:
 - 1. control the subcontracting of services by any contractor who is a party to the Agreement with SJRWMD by requiring that no sub-contract can be entered into by contractor without prior SJRWMD approval; and

2. notify SSWCD upon execution of the Agreement with the selected contractor; and
 3. invoice SSWCD for payment of one half (½) of the amount expended pursuant to the Agreement with the selected contractor on a quarterly basis; and
 4. do such other things as are necessary to administer the contracts.
- E. Provide professional and technical support necessary to address all aspects of the work to water-well contractors who enter into an Agreement with SJRWMD to carry out the project in Seminole County.
 - F. Provide monthly progress reports to SSWCD regarding the progress of work contracted.
 - G. Perform water quality analyses for water samples taken by SSWCD from the identified wells. At a minimum, preliminary field water quality analyses shall be provided in the monthly progress reports (III-F.).

ARTICLE IV. RESPONSIBILITIES OF THE SSWCD

- A. SSWCD shall obligate for the purposes of this Agreement up to a maximum of Fifteen Thousand Dollars (\$15,000) for the services of a licensed water-well contractor to control abandoned artesian wells in Seminole County, Florida.
- B. SSWCD shall pay SJRWMD up to Fifteen Thousand Dollars (\$15,000) for services of a water well contractor and materials needed by the contractor, as described in Article III above, upon receipt of quarterly invoices from SJRWMD.
- C. SSWCD shall be responsible for locating wells which are to be controlled, for collecting water samples to be tested for chlorides and sulfates, for providing a transfer location of the water samples to SJRWMD, and for completing and forwarding a Well-Header Form on each well to SJRWMD. The Well-Header Form shall be supplied by SJRWMD.
- D. SSWCD shall be responsible for obtaining the written consent of the well owners to have their wells controlled by the Contractor.

ARTICLE V. INDEMNITY AND INSURANCE

- A. Each party is responsible for all personal injury and property damage attributable to the negligent acts or omissions of that party and the officers, employees and agents thereof.

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

ARTICLE VI. TERMINATIONS

- A. Termination for Default: This Agreement may be terminated either partially or as a whole, by either party, if the other party substantially fails to fulfill its obligations under this Agreement through no fault of the terminating party. No termination may be effected unless the other party is given: (1) at least ten (10) calendar days written notice delivered by certified mail, return receipt requested, and (2) an opportunity for consultation with the other party prior to termination.
- B. Termination for Convenience: This Agreement may be terminated either in part or as a whole by the SJRWMD in writing provided that the SSWCD is given: (1) at least thirty (30) days written notice delivered by certified mail, return receipt requested, of intent to terminate, and (2) an opportunity for consultation with the SJRWMD prior to termination.
- C. If Termination for Default is effected by the SJRWMD, an equitable settlement of the amount of this Agreement shall be made, but (1) no amount shall be allowed for unperformed services, and (2) any payment due to SSWCD at the time of actual termination shall be offset by costs incurred by the SJRWMD because of the SSWCD'S default. If termination for the SJRWMD'S default is effected by the SSWCD, or if termination for convenience is effected by the SJRWMD, the SJRWMD shall pay for all services, materials, and costs reasonably incurred by SSWCD prior to termination.
- D. Upon receipt of a written termination notice under paragraphs A or B above, SSWCD shall: (1) immediately cease all affected work (unless the notice directs otherwise) and (2) return or otherwise make available to the SJRWMD all data, drawings, specifications, reports, estimates, summaries and any other information and materials (whether completed or in progress) as may have been given to the SSWCD to carry out the terms of this Agreement within 20 days of termination or as otherwise agreed to by both parties.
- E. Upon termination under paragraphs A or B above, the SJRWMD may elect to take over the work or may award a contract to complete the work to another party.

F. If the SJRWMD terminates the contract for Default because SSWCD failed to fulfill contractual obligations and it is subsequently determined that SSWCD had in fact substantially performed the requirements of the Agreement, the Termination will be deemed to have been for convenience. Compensation for completed portions of this contract will be made as provided in paragraph C, above.

ARTICLE VII. APPROVALS

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

ARTICLE VIII. NOTICE

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

ARTICLE IX. INTEREST

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

ARTICLE X. GOVERNING LAW

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


ARTICLE XI. ENTIRE AGREEMENT

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

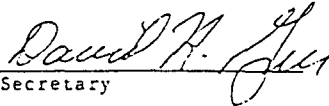
IN WITNESS WHEREOF, the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT and the SEMINOLE SOIL AND WATER CONSERVATION DISTRICT have executed this Agreement on the day and year first above written.

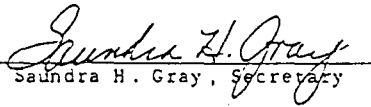
SEMINOLE SOIL AND WATER
CONSERVATION DISTRICT

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: 
Chairman

By: 
John L. Minton, Chairman

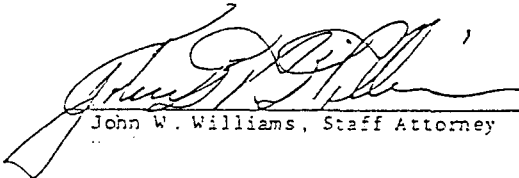
Attest: 
Secretary

Attest: 
Sandra H. Gray, Secretary

(CORPORATE SEAL)

(SEAL)

APPROVED AS TO FORM AND LEGALITY


John W. Williams, Staff Attorney

Appendix C-3

CONTRACTUAL AGREEMENT BETWEEN SJRWMD AND
BLOUNT WATER SYSTEMS

CONTRACT AGREEMENT

THIS AGREEMENT made and entered into this 4th day of May, in the year 1988, by and between the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT as party of the First part, (hereinafter called the DISTRICT), and Blount's Water Systems, 2215 S. 39th St., Ft. Pierce, FL, 34947, party of the Second Part, (hereinafter called the CONTRACTOR).

WITNESSETH, that said Contractor, for and in consideration of the payments hereinafter specified and agreed to be made by the District, hereby covenants and agrees to furnish and deliver all materials, to do and perform all work and labor required to be furnished and delivered, done and performed for the plugging of uncontrolled, abandoned, and free-flowing artesian wells in the St. Johns River Water Management District, Florida, in accordance with the proposal herein, and to complete the work in entire conformity with the Drawings, Specifications and other Contract Documents on file at the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, which are duly approved and which said Drawings and Specifications and other Contract Documents are hereby made part of this Agreement as fully and with the same effect as if the same had been set forth at length in the body of this Agreement.

The Contractor shall complete the work as set forth in the Work Orders by September 30, 1988. Time is of the essence of this Contract Agreement.

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

If the Contractor shall fail to comply with any of the terms, conditions, provisions, or stipulations of this Contract, according to the true intent and meaning thereof, then the District may avail himself of any or all remedies provided in the Contract 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 Contract.

In consideration of the premises, the District shall pay to the Contractor for said Work, when fully completed, the Total Bid Price of \$ 75.00 per hour rig time, subject to such additions and deductions as may be provided for in the Contract Documents. Payment shall be made upon the terms set forth in the Contract Documents, Section V - General Conditions, Article 19, in a total amount not to exceed \$35,000.

Unless otherwise declared in an addendum hereto, 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.

IN WITNESS WHEREOF, the said ST. JOHNS RIVER WATER MANAGEMENT DISTRICT has caused this Contract to be executed in its name by its Chairman, attested by its Secretary, and has caused its seal to be hereto attached; and the Contractor has caused this Contract 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.

Signed, sealed and delivered in the presence of:

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: [Signature]
John L. Minton, Chairman

(SEAL)

Attest: [Signature]
Saundra H. Gray, Secretary

(CORPORATE CONTRACTOR)

By: [Signature]
President

(CORPORATE SEAL)

Attest: _____
Secretary

(NON-CORPORATE CONTRACTOR)

[Signature]
Claude S. Sheffer
As to Party of the Second Part

[Signature] (SEAL)

(SEAL)

(SEAL)

(SEAL)

APPROVED AS TO FORM AND LEGALITY

[Signature]
John W. Williams, Staff Attorney

(2)

STATE OF FLORIDA

SWORN TO AND SUBSCRIBED

MY COMMISSION EXPIRES

Notary Public, State of Florida
The Commission Expires May 23, 1992
Associated Title Agency, Inc. - Insurance, Inc.

COUNTY OF Putnam

BEFORE ME ON 4/1/92

[Signature]
NOTARY PUBLIC

AMENDMENT TO CONTRACT FOR THE PLUGGING OF
UNCONTROLLED, ABANDONED AND FREE-FLOWING WELLS
IN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

THIS AMENDMENT, is made and entered into this 13th day of July,
1988, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT (hereinafter the DISTRICT) and BLOUNT'S WATER SYSTEMS
(hereinafter the CONTRACTOR).

WITNESSETH:

WHEREAS, the DISTRICT and the CONTRACTOR entered into an Agreement on
4th May 1988, the purpose of which is to plug wells in the St. Johns River
Water Management District; and

WHEREAS, the DISTRICT wishes to exercise its option to plug additional
wells during the term of the contract; and

WHEREAS, the CONTRACTOR desires to provide optional well-plugging serv-
ices during the term of the contract per Item 2. "Bid for Additional Work
above Not-to-Exceed Price of this Contract" at the rate of \$70.00 per hour rig
time; and

WHEREAS, the DISTRICT and the CONTRACTOR desire to amend the Agreement
to increase the contract not-to-exceed amount from \$35,000 to \$65,000.

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

1. Paragraph 7 is amended as follows:

In consideration of the premises, the DISTRICT shall pay to the
CONTRACTOR for said Work, when fully completed, the Total Bid Price of

\$70.00 per hour rig time, subject to such additions and deductions as may be provided for in the Contract Documents. Payment shall be made upon the terms set forth in the Contract Documents, Section V - General Conditions, Article 19, in a total amount not to exceed \$65,000.

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

IN WITNESS WHEREOF, the parties hereto have duly executed the AMENDMENT on the date and year first above written.

BLOUNT'S WATER SYSTEMS

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: C. V. Blount
C. V. Blount

By: [Signature]
John L. Minton, Chairman

Attest: [Signature]

Attest: Saundra H. Gray
Saundra H. Gray, Secretary

APPROVED AS TO FORM AND LEGALITY

[Signature]
John W. Williams, Staff Attorney

Appendix D

ABANDONED ARTESIAN WELL
PLUGGING PROGRAM
GUIDELINES AND PROCEDURES

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

1. When an abandoned artesian well is located by District personnel, pertinent information concerning the well (location, size, owner, etc.) is forwarded to the Abandoned Artesian Well Plugging Program project manager in the Water Resources Department.
2. The project manager will send a letter by certified mail, return receipt requested, to the owner advising him of:
 - 1) the apparent existence of an abandoned artesian well on his property.
 - 2) the statutory responsibilities concerning such wells.
 - 3) the Districts's cost-sharing well plugging program which will provide appropriate well plugging services at a cost to the owner of fifty percent (50%) of the total cost of plugging each well or \$600 per well, whichever is less. The owner's share of cost may be paid for in cash, materials, and/or services or any combination of these. If state funding is received in an amount adequate to perform the annual plugging program as proposed to DER, then the District may elect to increase its share of the cost sharing percentage.
3. The letter referred to in No. 2 will be accompanied by an acknowledgement form to be returned to the District within 45 days. If this form is not returned, a second letter will be sent by the project manager. This letter will provide a 30 day response period. If no response is received, then the Resource Management Department will be notified by the project manager.
4. Upon such notification, the Resource Management Department will investigate the well to determine if it is an abandoned artesian well which should be plugged pursuant to the provisions of Chapter 373.206, .209 .213, and .316 F.S.
5. If it is determined that the well should be plugged pursuant to the provisions of Chapter 373.206, .209, .213 and .316 F.S., appropriate enforcement action will be taken.
6. If the owner notified as per No.2 above indicates that he is unwilling to participate in the District sponsored project, then notification will be forwarded to the Resource Management Department. The Resource Management Department will proceed as per Nos. 4 and 5.

7. If the owner indicates (on the form referred to in No. 3) a willingness to cooperate, then his well will be added to the list of wells and no enforcement action will be taken against the owner at least as long as these guidelines and procedures are in effect.
8. Wells which are considered an imminent hazard to public health, safety and welfare will be placed first in the priority order of plugging. Prioritization of all other wells to be plugged will be based on relative harm to the water resources as per Chapter 373.206 F.S. and as outlined in the District's "Annual Report on Uncontrolled Free-Flowing Artesian Wells", 1985 (copy attached). Wells which pose a lesser threat to the water resources, i.e. only waste water, will be grouped in the lowest priority category, but may be moved up in priority during any fiscal year if other contractual well plugging is proceeding in the areas of these wells, making their plugging financially advantageous. The project manager will be responsible for keeping the prioritized list of wells to be plugged.
9. Arrangements for receipt of funds from the cooperative owner will be made pursuant to a written agreement to be entered into before any work is performed by the District on the well. The owner will be notified of the proposed plugging date at least three months prior to that date.
10. Owners of wells currently included on the District's Abandoned Artesian Well Plugging Program inventory and not scheduled for plugging during FY 86-87 will be notified of the change in the program and will be asked to complete and return the form described in No. 3. All provisions of these guidelines and procedures shall be applicable to them.
11. For those wells which are referred to the Resource Management Department as per Nos. 3 and 6, the Resource Management Department will notify the Water Resources Department project manager of information concerning final action. This information will be included in the program records.

AGREEMENT BETWEEN
THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND

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

WITNESSETH

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

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

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

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

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

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

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

I. The DISTRICT shall:

- A. Undertake the plugging or reconstruction of the subject well(s) located on the property identified in Exhibit "A", .
- B. As necessary, enter into a contract with a licensed water well contractor and administer the contract;
- C. Provide the professional and technical support necessary to properly address all aspects of the Agreement;
- D. Provide a report to the OWNER regarding the progress and completion of plugging the subject well.
- E. Obligate for the purposes of this agreement monies to cover the difference between the OWNER's contribution and the total cost, to complete the plugging or reconstruction of the well(s). The DISTRICT's obligation will be a minimum of 50% or a maximum of total cost minus six hundred dollars (\$600.00) for materials, site work and contractual services, per well.
- F. Pay the independent water well contractor (when applicable) for work performed and invoice the OWNER for his cost share.

II. The OWNER shall:

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

F. The term of this Agreement will be from the date of its execution until all work has been completed and payment made.

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: _____

By: _____
Saundra H. Gray, Chairman

Attest: _____
Alice J. Weinberg, Secretary

APPROVED AS TO FORM AND LEGALITY

John W. Williams, Staff Attorney