

1990 Reuse Inventory

Use it Again, Florida!

**Florida Department of Environmental Regulation
June 1990**

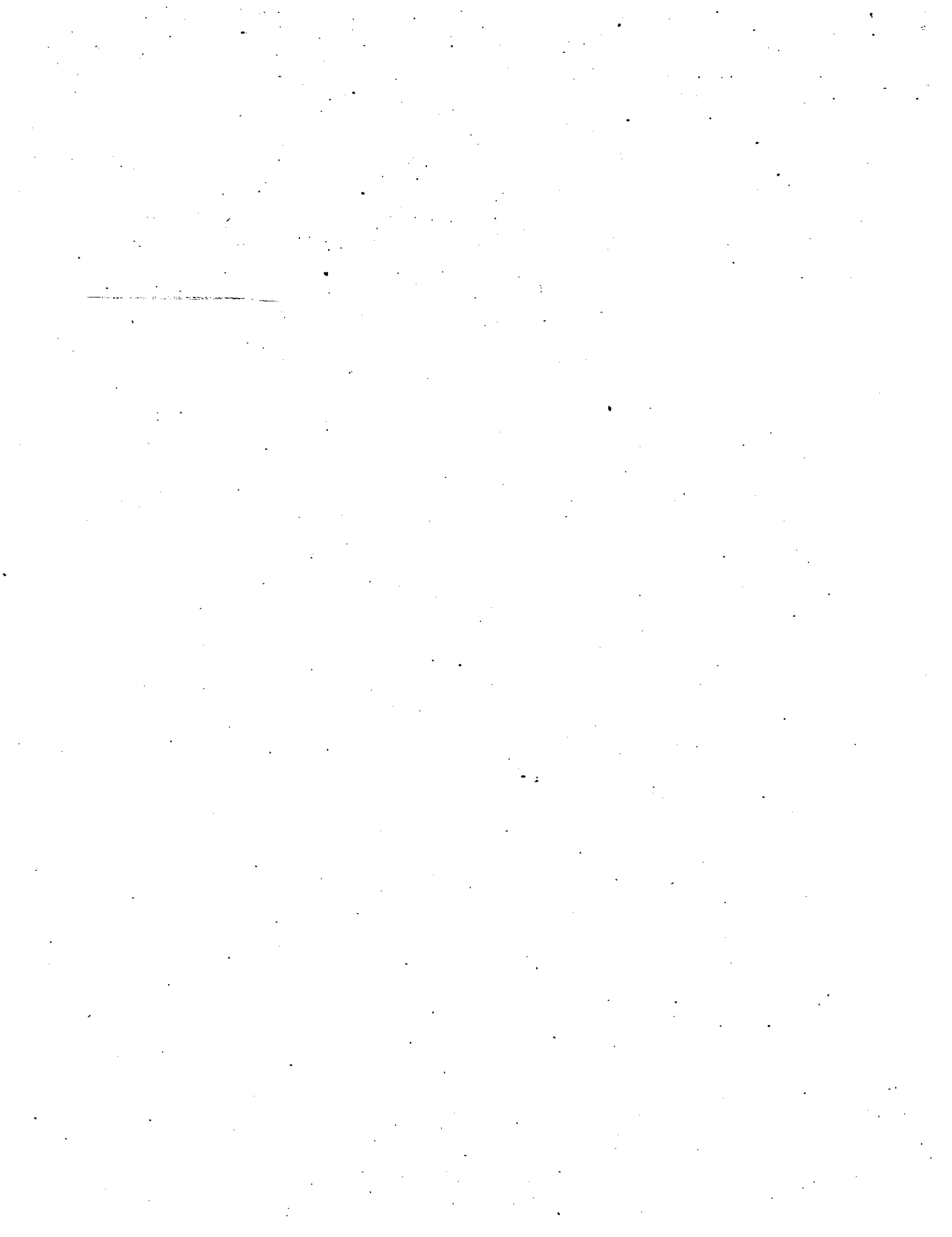


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1990 REUSE INVENTORY

Purpose

The promotion of reuse of reclaimed water and water conservation has been established in Chapter 403, Florida Statutes, as formal state objectives. This inventory and future, periodic updates of the inventory will serve to enable monitoring of the Department of Environmental Regulation's efforts to encourage and promote reuse of reclaimed water in Florida. In addition, the information contained will assist other municipalities and utilities having interest in developing reuse programs to have access to other communities that have already implemented such programs.

Acknowledgement

The database was assembled by a study team at the University of South Florida, College Engineering, Department of Civil Engineering and Mechanics, under contract with the Department of Environmental Regulation. The principal investigator for the University of South Florida was Dr. Richard Ian Stessel, P.E., Assistant Professor. He was assisted by Mr. Paul Goldsmith, Research Assistant.

Study Design

The study team conducted a telephone survey of known or potential reuse systems in Florida. During the study additional reuse systems were identified and incorporated. Written copies of the response sheet completed during the telephone interviews were provided to respondents for verification. Systems that could not be reached by telephone were given blank questionnaire forms to complete.

Information obtained during this survey was entered into two database files. Ashton-Tate's dBASE III+ database software was used.

Department of Environmental Regulation data was used to fill gaps in the survey responses, where available. Limited review by Department of Environmental Regulation personnel also was used to eliminate inconsistencies and to verify questionable data.

1986 Reuse Inventory

The Department of Environmental Regulation conducted a preliminary survey of reuse projects in 1986. The survey identified 118 treatment facilities that were furnishing reclaimed water for reuse activities. Of these projects, 49 had capacities of less than 1.0 mgd and 63 facilities made reclaimed water available for irrigation of golf courses. The total flow being reused was about 206 mgd and the total capacity of the

reuse facilities was 362 mgd. Over 96 percent of both the total reuse capacity and the total reuse flow was associated with treatment facilities having capacities greater than 1.0 mgd.

1990 Reuse Inventory

Table 1 presents a summary of the data contained in the 1990 reuse inventory for reuse facilities. Details of the 214 reuse facilities contained in the inventory are included in Appendices A and B. Table 2 summarizes the data dealing with reuse activities. Detailed data on reuse activities is included in Appendix C. The appendices are arranged alphabetically by county. Appendix D includes descriptions of the codes and abbreviations used in the appendices for levels of treatment, disinfection, storage, alternate discharge, types of reuse activities, and other parameters. Appendix D also presents an outline of default values that were used where data was not available.

The 1990 reuse inventory identified about 320 mgd of reclaimed water that is reused in Florida. Of this total, about 31 percent is used to irrigate public access areas and 28 percent is used to irrigate agricultural lands. The total capacity of the reuse facilities is approximately 585 mgd.

The database includes information on 10 future reuse systems that are currently or soon will be under construction. Reuse systems that are anticipated to be expanded also are noted. These new and expanded systems will add about 90 mgd of reuse capacity.

The totals for capacity, flow, and acreage are underestimated since zero values were entered for systems when complete information was not provided.

Future Updates

In order to monitor the effectiveness of the Department of Environmental Regulation's reuse program, it is anticipated that this inventory will be updated on a regular basis. Updates will probably be conducted during each even numbered year.

Suggested corrections, additions, or deletions may be brought to the attention of the Department's Reuse Coordinator, Dr. David W. York, Department of Environmental Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

TABLE 1
SUMMARY OF 1990 REUSE INVENTORY

Number of Facilities (a)

Full treatment facilities (b)	211
Partial treatment facilities	1
(provide high-level disinfection only)	
Reclaimed water distribution networks	<u>2</u>
TOTAL	214

Treatment Level

Secondary only (b)	76
Secondary with filtration	119
Secondary with additional treatment (other than filtration)	16
High-level disinfection facilities (no secondary treatment at these facilities)	<u>1</u>
TOTAL	212

Disinfection Level

Low-level	0
Basic (b)	63
Intermediate	32
High-level	<u>117</u>
TOTAL	212

(Note: All facilities use chlorine as the primary disinfectant)

Industrial Pretreatment Program

EPA Programs	
Approved	60
Being developed	6
Non-EPA Programs	
Approved	1
Being developed	1
No Existing or planned pretreatment program (b)	<u>144</u>
TOTAL	212

Table 1
 Summary of 1990 Reuse Inventory
 (continued)

Storage Type Used

Unlined lagoon/ponds	47
Lined lagoon/ponds	47
Tanks/covered	28
Tanks/uncovered	11
Golf Course lakes	4
None (b)	<u>77</u>
TOTAL	214

Alternate Discharge Systems

None provided (b)	152
Surface water discharge	33
Deep well injection	9
Wetlands discharge	5
Shift among reuse systems	5
Rapid-rate systems	<u>10</u>
TOTAL	214

Additional Testing Provided

No additional testing (b)	168
Additional testing provided	<u>46</u>
TOTAL	214

Frequency of Additional Testing

Daily	4
Biweekly	1
Weekly	5
Monthly	7
Quarterly	10
Twice annually	4
Annually	11
Unkown (b)	<u>4</u>
TOTAL	46

Table 1
Summary of 1990 Reuse Inventory
(continued)

Problems In Implementation

No (b)	195
Yes	<u>19</u>
TOTAL	214

(Note: A total of 4 facilities reported delays in implementation totaling 74 months.)

Notes

- (a) All numbers shown in this table are numbers of facilities.
- (b) This is the default entry for missing data.

TABLE 2
SUMMARY OF REUSE ACTIVITIES
1990 REUSE INVENTORY

Reuse Type	Existing Facilities				Future Additions			
	Number of Facilities (a)	Capacity (mgd)	Current Flow (mgd)	Area (acres)	Number of New Facilities (a,c)	Number of Facilities to be Expanded (a,d)	Capacity (mgd)	Area (acres)
Public Access Systems								
Residential Irrigation	12	81	30	2,370	6	0	1	0
Golf Courses	84	86	58	4,710	11	9	29	620
Other Types	<u>27</u>	<u>17</u>	<u>11</u>	<u>350</u>	<u>7</u>	<u>3</u>	<u>8</u>	<u>0</u>
Subtotal	96	184	99	7,430	16	16	38	620
Agricultural Irrigation								
Citrus	4	49	21	8,700	6	0	3	400
Other Crops	<u>81</u>	<u>112</u>	<u>62</u>	<u>14,650</u>	<u>2</u>	<u>8</u>	<u>25</u>	<u>7,330</u>
Subtotal	83	164	90	23,350	6	11	28	7,730
Commercial/Industrial	13	19	14	3,850	1	2	6	0
Ground Water Recharge	54	109	30	1,600	6	4	10	310
Environmental Enhancement	4	98	80	3,240	0	0	0	0
Other Uses	<u>49</u>	<u>12</u>	<u>9</u>	<u>130</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL (b)	199	386	322	39,600	10	39	90	8,660

Notes: (a) The numbers of facilities are not additive since a single facility may employ one or more reuse techniques.

(b) Column totals may not agree exactly with the totals in the appendices due to internal rounding associated with development of this summary table.

(c) New facilities represent new systems within a given reuse type.

(d) Expansions include additions of a new reuse activity to a system that has one or more existing reuse activities within the listed reuse category.

Appendix A

Treatment Facilities Making Reclaimed Water Available for Reuse

Use it Again, Florida!

APPENDIX A
BASIC TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Capacity (mgd)	Secondary Treatment	Addition. Treatment	Disinf. Level	Disinf. Used	Pre-Treat Progr.	Comments
10	Alachua WWTP	Alachua	Alachua	Alachua	0.025	AS	No	BA	CL	No	
8	Gates Energy Products	Gates Energy Products	Gainesville	Alachua	0.060	AO,AS	AT,ND	IM	CL	No	
11	Newberry WWTP	Newberry	Newberry	Alachua	0.415	AS,RB	AS	BA	CL	No	
13	Scottish Inn / Al Karim	Scottish Inn		Alachua	0.000	AS	No	BA	CL	No	
16	Turkey Creek	Turkey Creek Inc.	Alachua	Alachua	0.350	CS	No	BA	CL	No	
802	Hillcrest Trailer Park	Union Properties	Gainesville	Alachua	0.006	EA	No	BA	CL	No	
829	Olustee Beach Rec. Area	Osceola National Forest	Olustee Beach Rec.	Baker	0.010	AS	No	BA	CL	No	
19	Alligator Creek STOP Camp	Department H.R.S.	Starke	Bradford	0.005	AS	No	HI	CL	No	
25	North Brevard WWTP	Brevard County Utilities	Mims	Brevard	1.000	OD	FN	BA	CL	No	
24	Port St. John WWTP	Brevard County Utilities	Port St. John	Brevard	0.250	AS	No	BA	CL	No	
23	Silver Pine WWTP	Brevard County Utilities	Rockledge	Brevard	0.150	AS	FN	HI	CL	No	
28	South Beaches WWTP	Brevard County Utilities	Melbourne Beach	Brevard	6.000	CS	FN	HI	CL	No	
969	South Central WWTP	Brevard County Utilities	Melbourne	Brevard	1.000	CS	FN	HI	CL	No	
22	Sykes Creek Regional	Brevard County Utilities	Merritt Island	Brevard	6.000	OD,EA	FN	BA	CL	No	
20	Cocoa Beach WWTP	Cocoa Beach	Cocoa Beach	Brevard	6.000	CS	FN,AP	HI	CL	No	
21	David B. Lee WWTP	Melbourne	Melbourne	Brevard	7.500	AS	FN	HI	CL	EA	
30	Palm Bay	Palm Bay Utilities	Palm Bay	Brevard	0.500	EA,AS	FN	HI	CL	EA	
40	North Regional WWTP	Broward County	Pompano Beach	Broward	66.000	AS	FN	HI	CL	EA	A portion of the water goes to Pompano Beach for additional treatment
41	Pompano Beach Flt/C1 Fac.	Pompano Beach	Pompano Beach	Broward	2.500	--	FN	HI	CL	No	Provides high-level disinfection for a portion of water from North Broward
55	Eastport	General Devlp. Util. Inc.		Charlotte	0.000	OD	No	BA	CL	No	
56	Westport	General Devlp. Util. Inc.		Charlotte	0.000	AS	No	BA	CL	No	
50	Punta Gorda WWTP	Punta Gorda	Punta Gorda	Charlotte	2.000	AS	No	BA	CL	No	
52	Maple Leaf	Rampart Utilities	Port Charlotte	Charlotte	0.310	AS	FN	IM	CL	No	
53	Rotunda West	Rotunda West		Charlotte	0.000	EA	FN	HI	CL	No	

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51	West Charlotte	West Charlotte Utilities		Charlotte	0.375	EA	FN,AT	HI	CL	No	
60	Inverness WWTP	Inverness Utilities	Inverness	Citrus	1.500	RB	No	BA	CL	No	
65	Paramount Hatchery	Paramount Hatchery-Cargill	Orange Park	Clay	0.007	EA	No	HI	CL	No	
75	Collier Co. North Reg WWTP	Collier County Utilities		Collier	0.000	EA,AS	FN	IM	CL	No	
74	Foxfire WWTP	Collier County Utilities	Naples	Collier	0.300	CS	FN	IM	CL	No	
72	Glades WWTP	Collier County Utilities	Naples	Collier	1.500	CS	FN	IM	CL	No	
73	Levy WWTP	Collier County Utilities		Collier	0.000	CS	FN	IM	CL	No	
71	Marco Island WWTP	Marco Island Utilities	Marco Beach	Collier	2.500	CS	No	HI	CL	No	
70	Naples WWTP	Naples	Naples	Collier	5.400	AS	FN,IP	HI	CL	No	
76	Pelican Bay	Pelican Bay Imp. Dist.	Pelican Bay	Collier	0.500	OD	FN	HI	CL	No	100 % reuse plant
78	Lake City WWTP	Lake City	Lake City	Columbia	3.000	EA	No	IM	CL	No	
80	Homestead WWTP	Homestead	Homestead	Dade	1.200	CS,AS	FN,MS	IM	CL	No	
82	Miami Dade N. District	Miami Dade W&S Dept.	Miami	Dade	80.000	AS	No	BA	CL	EA	
91	Atlantic Beach WWTP	Atlantic Beach	Atlantic Beach	Duval	2.000	AS	No	BA	CL	No	
793	Manna Park STP	Jacksonville	Jacksonville	Duval	0.000	CS	FN	BA	CL	EA	
961	DOT Rest Area 1-10	Dept. of Transportation		Escambia	0.000	EA	No	BA	CL	No	
95	Scenic Hills WWTP	Escambia Co Utilities Dpt	Pensacola	Escambia	0.988	EA	No	BA	CL	EA	
842	Marineland Inc.	Marineland Inc.	Marineland	Flagler	0.060	EA	FN	HI	CL	No	
100	Palm Coast Main WWTP	Palm Coast Utilities	Palm Coast	Flagler	1.600	EA	ND	BA	CL	No	
841	Plantation Bay	Plantation Bay	Ormond Beach	Flagler	0.475	EA	FN	HI	CL	No	
962	DOT Rest Area 1-10	Dept. of Transportation		Gadsden	0.000	EA	No	BA	CL	No	
800	Lancaster Corr. Inst.	Dept. of Corrections	Trenton	Gilchrist	0.160	AS	FN	HI	CL	No	
110	Clewiston WWTP	Clewiston	Clewiston	Hendry	1.500	OD	No	IM	CL	No	
827	Hendry Correctional Inst.	Hendry Correctional Inst.	Immokalee	Hendry	0.300	EA	No	BA	CL	No	
111	Labelle WWTP	Labelle	Labelle	Hendry	0.150	CS,EA	No	BA	CL	No	
120	Spring Hill WWTP	Deltona Corp.	Spring Hill	Hernando	2.000	CS	No	IM	CL	No	
122	Royal Highlands	Hernando County	Weeki Wachee Springs	Hernando	0.200	CS	No	IM	CL	No	Some odor problems associated with the treatment facility
130	Avon Park WWTP	Avon Park Public Works	Avon Park	Highlands	0.000	OD	ND	HI	CL	No	

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132	Apollo Beach	Hillsborough Co. Util.	Apollo Beach	Hillsborough	1.500	EA,CS	FN	BA	CL	EA	Should be off-line by 1991
134	Dale Mabry	Hillsborough Co. Util.	Dale Mabry	Hillsborough	6.000	AS,OD	AT	HI	CL	EA	
135	Falkenberg	Hillsborough Co. Util.	Tampa	Hillsborough	3.000	OD	AT	HI	CL	EA	
136	Progress Village	Hillsborough Co. Util.	Tampa	Hillsborough	0.750	CS	FN	BA	CL	EA	Should be off-line by 1992
137	Providence Lake	Hillsborough Co. Util.	Tampa	Hillsborough	0.000	EA	No	BA	CL	EA	Should be off-line by 1992
139	South County Regional	Hillsborough Co. Util.	Ruskin	Hillsborough	3.000	OD	FN	HI	CL	EA	
145	Tampa Suburban	Hillsborough Co. Util.	Tampa	Hillsborough	0.990	CS	FN	HI	CL	EA	Off-line by 1991
146	Valrico	Hillsborough Co. Util.	Valrico	Hillsborough	3.000	AS	AT	HI	CL	EA	
147	Van Dyke	Hillsborough Co. Util.		Hillsborough	0.000	OD	FN	HI	CL	EA	
846	MacDill Air Force Base	MacDill Air Force Base	Tampa	Hillsborough	1.200	AS	FN	HI	CL	No	
741	Hookers Point	Tampa	Tampa	Hillsborough	60.000	AS	AT	IM	CL	EA	
861	Summerfield Subregional	US Home Corporation		Hillsborough	0.750	AS,EA,OD	FN,DN	HI	CL	No	
963	DOT Rest Area I-10	Dept. of Transportation		Holmes	0.000	EA	No	BA	CL	No	
142	Cifford Regional WWTP	Vero Beach Utilities	Cifford	Indian River	2.000	EA,CS	FN	HI	CL	ND	
141	Sea Oaks WWTP	Vero Beach Utilities	Indian River Shores	Indian River	0.210	EA	FN	HI	CL	No	
140	West Regional WWTP	Vero Beach Utilities	Vero Beach	Indian River	1.000	EA,CS	FN	HI	CL	No	
964	DOT Rest Area I-10	Dept. of Transportation		Jackson	0.000	EA	No	BA	CL	No	
150	Mayo WWTP	Mayo	Mayo	Lafayette	0.150	EA,CS	No	BA	CL	No	
160	Clermont WWTP	Clermont	Clermont	Lake	0.950	AS	No	BA	GL	No	
163	Eustis WWTP	Eustis	Eustis	Lake	1.800	TF,AS	No	BA	CL	EA	
162	Leesburg WWTP	Leesburg	Leesburg	Lake	3.500	EA	No	IM	CL	No	
164	Mount Dora WWTP	Mount Dora	Mount Dora	Lake	1.500	OD	FN	HI	CL	EA	
161	Umatilla WWTP	Umatilla	Umatilla	Lake	0.300	OD	FN,DN	IM	CL	No	
174	Deltura	Deltura Service Dept.		Lee	0.000	EA	FN	HI	CL	No	
960	DOT Rest Area I-75	Dept. of Transportation		Lee	0.000	EA	No	BA	CL	No	
170	Sanibel Sewer System	Envirotech Oper. Services	Sanibel	Lee	1.250	AS	FN	IM	CL	No	
810	Fiddlesticks Country Club	Fiddlesticks Country Club	South Ft. Myers	Lee	0.250	EA	FN	HI	CL	No	

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171	Fiesta Village WWTP	Fiesta Village WWTP	Ft. Myers	Lee	5.000	00	FN, DN, AP	HI	CL	No	
172	Ft. Myers Beach WWTP	Ft. Myers Beach	Ft. Myers Beach	Lee	2.700	CS	FN	IM	CL	No	
173	North Ft. Myers WWTP	North Ft. Myers Util.	North Ft. Myers	Lee	2.000	AS	FN	HI	CL	No	
822	Raintree R.V. Park	Raintree R.V. Park	North Ft. Myers	Lee	0.025	AS	FN	HI	CL	No	
180	Lake Bradford Rd. WWTP	Tallahassee	Tallahassee	Leon	4.500	AS, TF	No	BA	CL	DE	
181	Thomas P. Smith WWTP	Tallahassee	Tallahassee	Leon	17.500	TF, AS	FN	IM	CL	DE	Future expansion to 20 mgd
190	Williston WWTP	Williston	Williston	Levy	0.450	AS	No	BA	CL	No	
804	DOT Rest Area I-10	Dept. of Trans. Maint.		Madison	0.000	AS	FN	HI	CL	No	
201	North County Regional	Manatee Cty Utility Dept		Manatee	2.000	AS, EA, AO	FN	HI	CL	EA	
202	Southeast Subregional	Manatee Cty Utility Dept	Bradenton	Manatee	5.400	AS, EA, AO	FN	HI	CL	EA	
200	Southwest Subregional	Manatee Cty Utility Dept	Bradenton	Manatee	16.000	AS	FN	HI	CL	EA	
210	Ocala #1 Pine Ave	Ocala	Ocala	Marion	2.400	TF	AT	BA	CL	DE	
211	Ocala #2 WWTP	Ocala	Ocala	Marion	3.500	AS	No	BA	CL	No	
890	Banyan House	Banyan House	Stuart	Martin	0.025	EA	FN	HI	CL	No	
217	Conquistador	Conquistador Homeowners	Stuart	Martin	0.080	CS	FN	HI	CL	No	
215	Martin Correctional Inst.	Dept. of Corrections	Indiantown	Martin	0.300	OD, EA	FN	BA	CL	No	
968	DOT Rest Area I-95	Dept. of Transportation		Martin	0.000	EA	No	BA	CL	No	
250	Eaglewood WWTP	Eaglewood Homeowners	Hobe Sound	Martin	0.090	CS	FN	HI	CL	No	
219	Hydratech	Hydratech Utilities	Hobe Sound	Martin	0.600	AS, CS	FN	HI	CL	No	
218	Indian River Plantation	Indian River Plantation	Stuart	Martin	0.300	AS, CS	FN	HI	CL	No	
720	Dixie Park	Martin County Utilities	Palm City	Martin	1.000	CS, EA	FN	HI	CL	No	
823	Martin Downs WWTP	Martin Downs Utilities	Palm City	Martin	0.450	CS	FN	HI	CL	No	
824	Miles Grant WWTP	Miles Grant Utilities	Stuart	Martin	0.300	AS	FN	HI	CL	No	
971	Pipers Landing	Pipers Landing	Palm City	Martin	0.100	CS	FN	HI	CL	No	
216	Cutter Sound	R.G.A. Development	Palm City	Martin	0.098	EA	FN	HI	CL	No	
825	Sailfish Point	Sailfish Point Utilities	Stuart	Martin	0.125	AS	FN	HI	CL	No	
818	Sunshine Truck Plaza	Enviro Systems	Yulee	Nassau	0.020	EA	No	BA	CL	No	
831	Amelia Island	Southern States Utilities	Fernandina Beach	Nassau	0.600	AS	FN	HI	CL	No	
220	Hilliard WWTP	Hilliard	Hilliard	Nassau	0.160	AS	No	BA	CL	No	

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965	DOT Rest Area I-10 (EBL)	Dept. of Transportation		Okaloosa	0.000	EA	No	BA	CL	No	
966	DOT Rest Area I-10 (WBL)	Dept. of Transportation		Okaloosa	0.000	EA	No	BA	CL	No	
306	Destin WWTP	Destin Water Users Inc.	Destin	Okaloosa	3.400	EA	FN	HI	CL	No	
301	Main Base WWTP	Eglin Air Force Base	Ft. Walton Beach	Okaloosa	1.000	AS	No	IM	CL	No	
302	Plew Housing WWTP	Eglin Air Force Base	Ft. Walton Beach	Okaloosa	1.500	AS	No	IM	CL	No	
300	Ft. Walton Beach WWTP	Ft. Walton Beach	Ft. Walton Beach	Okaloosa	4.500	RB	No	BA	CL	No	
305	Mary Ester WWTP	Mary Ester	Mary Ester	Okaloosa	0.800	AS	No	HI	CL	No	
303	Niceville-Valpariso WWTP	NVOC Regional Sewer	Niceville	Okaloosa	2.000	CS	No	BA	CL	No	1990 expansion will add 1.0 mgd capacity
304	Crestview Industrial Park	Okaloosa Water & Sewer	Crestview	Okaloosa	0.100	AS	No	BA	CL	No	
307	Garniers WWTP	Okaloosa Water & Sewer	Ft. Walton Beach	Okaloosa	6.500	AS	No	HI	CL	No	
320	Okeechobee WWTP	Okeechobee	Okeechobee	Okeechobee	0.300	CS	No	IM	CL	No	
332	Apopka WWTP	Apopka	Apopka	Orange	4.000	AS	No	IM	CL	DE	
335	Ocoee WWTP #2	Ocoee	Ocoee	Orange	1.000	CS	No	IM	CL	No	
857	Cypress Walk WWTP	Orange Co. Public Util.	Lake Buena Vista	Orange	1.000	EA	FN	HI	CL	EA	
856	Easterly Subregional WWTP	Orange Co. Public Util.	Orlando	Orange	19.000	A0	FN	HI	CL	EA	
855	Kelly Park WWTP	Orange Co. Public Util.	Apopka	Orange	0.030	EA	No	BA	CL	EA	
854	Meadow Woods WWTP	Orange Co. Public Util.	Taft	Orange	0.500	AS	FN	HI	CL	EA	
851	Northwest Service Area	Orange Co. Public Util.	Apopka	Orange	3.000	A0	No	BA	CL	EA	
853	Sand Lake Road WWTP	Orange Co. Public Util.	Orlando	Orange	23.000	AS	FN	HI	CL	EA	Reclaimed water goes to CONSERV II distribution system
852	South Central Serv. Area	Orange Co. Public Util.	Orlando	Orange	2.700	A0	FN	BA	CL	EA	
850	Southeastern (Lake Nona)	Orange Co. Public Util.	Orlando	Orange	0.330	AS	FN	HI	CL	EA	
331	CONSERV II WWTP	Orlando	Orlando	Orange	25.000	AS	FN	HI	CL	EA	Reclaimed water goes to the CONSERV II distribution system
330	Iron Bridge WWTP	Orlando	Oviedo	Orange	40.000	RB	FN,AT	HI	CL	EA	
848	Water Conserv I	Orlando	Orlando	Orange	7.500	AS	FN,DN,AP	BA	CL	EA	Excess flows go to the wetlands system

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336	CONSERV II	Orlando/Orange County	Winter Garden	Orange	0.000	--	--	--	--	--	Reclaimed water from Sand Lake Road & Conserv II WWTPs reused here.
334	Univ of Central Florida	U.C.F. Utilities	Orlando	Orange	0.500	EA,CS	FN	HI	CL	No	
333	Winter Park Estates	Winter Park	Winter Park	Orange	0.750	EA	FN	HI	CL	EA	
353	Camelot WWTP	Kissimmee	Kissimmee	Osceola	3.000	EA	FN	HI	CL	EA	
351	South Bermuda WWTP	Kissimmee	Kissimmee	Osceola	6.000	OD	FN,DN	IM	CL	No	
354	Buenaventura West WWTP	Orange/Osceola Utilities	Kissimmee	Osceola	1.800	AS	AT	HI	CL	No	
356	Poincianna STP #2	Poincianna Utilities		Osceola	0.500	EA	No	HI	CL	No	
355	Reedy Creek Improv. Dist.	Reedy Creek Energy Svcs.	Lake Buena Vista	Osceola	9.000	AS	DN,AP	IM	CL	No	
350	St. Cloud WWTP	St. Cloud	St. Cloud	Osceola	2.000	TF,CS	FN	HI	CL	No	
970	Boca Raton WWTP	Boca Raton	Boca Raton	Palm Beach	20.000	AS	FN	HI	CL	No	
370	Loxahatchee River E.C.D.	Loxahatchee River E.C.D.	Jupiter	Palm Beach	4.000	AS	FN	HI	CL	No	
371	Seacoast Util. PCA WWTP	Seacoast Utilities	Palm Beach Gardens	Palm Beach	3.200	AS	FN	HI	CL	No	
377	Deer Park WWTP	Pasco Co. Public Works	New Port Richie	Pasco	1.200	EA	FN	HI	CL	EA	
380	Embassy Hills Subregional	Pasco Co. Public Works	New Port Richie	Pasco	3.500	EA	FN,AT	HI	CL	EA	
376	Hudson Subregional WWTP	Pasco Co. Public Works	Hudson	Pasco	3.000	AS	ND	HI	CL	No	
379	Saddlebrook WWTP	Pasco Co. Public Works	Wesley Chapel	Pasco	0.250	CS	FN	HI	CL	EA	
390	Zephyrhills	Zephyrhills	Zephyrhills	Pasco	2.200	AS,OD	FN	HI	CL	EA	
402	Belleair WWTP	Belleair	Belleair	Pinellas	0.900	EA	FN,DN,IP	BA	CL	No	
403	Clearwater Northeast WWTP	Clearwater	Clearwater	Pinellas	8.000	AS	FN	HI	CL	NE	
400	Largo WWTP	Largo	Largo	Pinellas	15.000	AO	FN,AT	HI	CL	EA	
401	Oldsmar WWTP	Oldsmar	Oldsmar	Pinellas	2.200	AS,EA	FN,MS,DN	HI	CL	EA	
421	Curlew Groves	Pinellas Co. Utilities	Clearwater	Pinellas	0.110	EA	No	HI	CL	EA	
418	Cypress Run	Pinellas Co. Utilities	Tarpon Springs	Pinellas	0.080	CS	FN	HI	CL	EA	
417	Eastlake Woodlands	Pinellas Co. Utilities	Oldsmar	Pinellas	0.400	CS	FN	HI	CL	EA	
415	North Pinellas Co. WWTP	Pinellas Co. Utilities	Wall Springs	Pinellas	9.000	AO	FN,AT	HI	CL	EA	
416	Pine Ridge WWTP	Pinellas Co. Utilities	Pinellas City	Pinellas	0.600	EA	FN	HI	CL	EA	
419	Tarpon Lake Village	Pinellas Co. Utilities	Tarpon Springs	Pinellas	0.800	CS	FN	HI	CL	EA	

APPENDIX A
BASIC TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Capacity (mgd)	Secondary Treatment	Addition. Treatment	Disinf. Level	Disinf. Used	Pre-Treat Progr.	Comments
420	Tarpon Woods	Pinellas Co. Utilities	Palm Harbor	Pinellas	0.250	CS	FN	HI	CL	EA	
410	Albert Whitted	St. Petersburg	St. Petersburg	Pinellas	12.400	AS	FN	HI	CL	EA	Reclaimed water to the dual distribution system
414	Dual Distribution System	St. Petersburg	St. Petersburg	Pinellas	0.000	--	--	--	--	--	Reclaimed water from 4 St. Petersburg WWTPs reused here.
413	St. Petersburg Northeast	St. Petersburg	St. Petersburg	Pinellas	16.000	AS	FN	HI	CL	EA	Reclaimed water to the dual distribution system
412	St. Petersburg Northwest	St. Petersburg	St. Petersburg	Pinellas	20.000	AS	FN	HI	CL	EA	Reclaimed water to the dual distribution system
411	St. Petersburg Southwest	St. Petersburg	St. Petersburg	Pinellas	20.000	AS	FN	HI	CL	EA	Reclaimed water to the dual distribution system
450	Auburndale WWTP	Auburndale	Auburndale	Polk	1.400	OD	OZ,ND,AP	IM	CL	DE	
454	Bartow Main WWTP	Bartow	Bartow	Polk	2.700	TF	No	IM	CL	No	
456	Fort Meade WWTP	Fort Meade	Fort Meade	Polk	1.000	AS	No	BA	CL	No	
453	Haines City WWTP	Haines City	Haines City	Polk	1.400	TF	No	IM	CL	EA	
452	Glendale WWTP	Lakeland	Lakeland	Polk	10.800	TF,AS	AP,ND	BA	CL	EA	
451	Northside WWTP	Lakeland	Lakeland	Polk	4.000	AS	AP,ND	BA	CL	EA	
455	Winter Haven #3	Winter Haven	Winter Haven	Polk	5.000	AS	No	IM	CL	EA	
830	Jan's Modular Estates	Jan's Modular Estates	San Mateo	Putnam	0.007	AS	No	BA	CL	No	
815	Melrose Elementary	Melrose Elementary	Melrose	Putnam	0.006	EA	No	BA	CL	No	
967	DOT Rest Area 1-10	Dept. of Transportation		Santa Rosa	0.000	EA	No	BA	CL	No	
470	Santa Rosa WWTP	Santa Rosa/Navarre Beach		Santa Rosa	0.000	OD	FN,DN	BA	CL	No	
485	Central County Utilities	Central County Utilities	Sarasota	Sarasota	2.000	OD	FN,DN	HI	CL	DE	
484	South Gate	Florida Cities Water Co.	Sarasota	Sarasota	1.300	AS,RB	DN,IP	HI	CL	No	
482	Northport	General Devlp. Util. Inc.	Northport	Sarasota	1.100	AS	FN	HI	CL	No	

APPENDIX A
BASIC TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Capacity (mgd)	Secondary Treatment	Addition. Treatment	Disinf. Level	Disinf. Used	Pre-Treat Progr.	Comments
483	Sarasota WWTP	Sarasota Water Utilities	Sarasota	Sarasota	9.100	CS	FN	HI	CL	EA	
481	Venice Island WWTP	Venice	Venice	Sarasota	2.800	CS	FN	HI	CL	No	
480	Venice Garden #1 WWTP	Venice Garden Utilities	Venice	Sarasota	1.300	AS	No	IM	CL	No	
490	Alafaya WWTP	Alafaya Utilities Inc.	Oviedo	Seminole	2.400	CS	FN	HI	CL	No	
492	Altamonte Springs WWTP	Altamonte Springs	Altamonte Springs	Seminole	12.500	AS	FN, DN	IM	CL	EA	
493	Casselberry WWTP	Casselberry	Casselberry	Seminole	0.643	AS	FN	HI	CL	EA	
972	Sanford WWTP	Sanford	Sanford	Seminole	6.000	AS	FN	HI	CL	No	Will meter all users of reclaimed water
494	Tusawilla Subdivision	Seminole Utilities Co.	Winter Springs	Seminole	2.200	AS, EA	FN	HI	CL	No	
491	Winter Springs WWTP	Winter Springs	Winter Springs	Seminole	1.500	AS, EA	FN	HI	CL	No	
601	Anastasia Sewer District	Anastasia Sewer District	St. Augustine	St. Johns	2.000	AS	FN	HI	CL	No	
814	Dairy Queen of Marineland	Dairy Queen of Marineland	Marineland	St. Johns	0.011	EA	No	BA	CL	No	
807	DOT Rest Area 1-95 (NBL)	Dept. of Trans. Maint.		St. Johns	0.000	AS	No	BA	CL	No	
806	DOT Rest Area 1-95 (SBL)	Dept. of Trans. Maint.		St. Johns	0.000	AS	No	BA	CL	No	
811	Sawgrass WWTP	Jax Utilities Mangant.	Ponte Vedra	St. Johns	0.700	CS	FN	HI	CL	No	test fish live in reclaimed water
812	St. Augustine Shores	St. Augustine Shores Util	St. Augustine Shores	St. Johns	0.500	EA	FN	HI	CL	No	
604	Inlet Beach	St. Johns Service Company		St. Johns	0.000	CS	No	HI	CL	No	
603	Marsh Landing	St. Johns Service Company	St. Augustine	St. Johns	0.500	EA	No	HI	CL	No	
605	Players Club	St. Johns Service Company	Sawgrass	St. Johns	0.900	EA	No	HI	CL	No	
819	St. Johns Forest	Sunray Utilities Inc.	St. Augustine	St. Johns	0.070	EA	FN	HI	CL	No	
620	North Hutchinson Island	Common Wealth	Ft. Pierce	St. Lucie	0.190	AS	No	BA	CL	No	
623	Harbour Ridge	Harbour Ridge	Ft. Pierce	St. Lucie	0.120	EA	FN	HI	CL	No	
821	Island Dunes WWTP	Island Dunes Utilities	Hutchinson Island	St. Lucie	0.088	CS	FN	HI	CL	No	
621	Spanish Lakes Fairways	Spanish Lakes Fairways	Ft. Pierce	St. Lucie	0.300	AS	FN	HI	CL	No	
622	St. Lucie West	St. Lucie West Utilities	St. Lucie West	St. Lucie	1.000	CS	FN	HI	CL	No	
501	Branford WWTP	Branford	Branford	Suwannee	0.080	CS	No	HI	CL	No	
839	Jennings WWTP	Jennings	Jennings	Suwannee	0.250	EA	FN	HI	CL	No	
500	Live Oak WWTP	Live Oak	Live Oak	Suwannee	0.750	TF	No	BA	CL	No	
820	Occidental Chemical Co.	Occidental Chemical Co.	White Springs	Suwannee	0.020	EA	No	HI	CL	No	Consists of several WWTPs - #1,2,3,5,6

APPENDIX A
BASIC TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Capacity (mgd)	Secondary Treatment	Addition. Treatment	Disinf. Level	Disinf. Used	Pre-Treat Progr.	Comments
816	Spirit of the Suwannee	Spirit of the Suwannee	Live Oak	Suwannee	0.010 EA	No		HI	CL	No	
805	DOT Rest Area U.S. 19	Dept. of Trans. Maint.		Taylor	0.000 AS	No		BA	CL	No	
512	Daytona Beach Regional	Daytona Beach	Daytona Beach	Volusia	10.000 AS	FN,MD		HI	CL	EA	
510	Deland Regional WWTP	Deland	Deland	Volusia	4.000 AS	No		IM	CL	No	
511	Port Orange WWTP	Port Orange	Port Orange	Volusia	12.000 AS	FN		HI	CL	EA	
860	Agricultural Center	Volusia Co. Env. Mngmt.	Deland	Volusia	0.010 EA	No		BA	CL	No	
520	South Walton WWTP	South Walton Utility Co.	Miramar Beach	Walton	2.500 AO	FN		IM	CL	No	
*** Total ***					783.574						

Appendix B

Additional Information for Treatment Facilities

Use it Again, Florida!

APPENDIX B
ADDITIONAL TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Storage Type	Storage Alternate		Alternate		Frequency		Delays Problems (Months)
						Volume (mg)	Discharge Type	Discharge Capac (mgd)	Addition Testing	of Addl. Testing		
10	Alachua WWTP	Alachua	Alachua	Alachua	LL	3.800	No	0.000	No	-	No	0
8	Gates Energy Products	Gates Energy Products	Gainesville	Alachua	TU	0.040	SW	0.000	HM,NI	DA	No	0
11	Newberry WWTP	Newberry	Newberry	Alachua	LL	2.300	SW	0.180	HM,VO	QT	No	0
13	Scottish Inn / Al Karim	Scottish Inn		Alachua	No	0.000	No	0.000	No	-	No	0
16	Turkey Creek	Turkey Creek Inc.	Alachua	Alachua	No	0.000	No	0.000	No	-	No	0
802	Hillcrest Trailer Park	Union Properties	Gainesville	Alachua	No	0.000	No	0.000	No	-	No	0
829	Olustee Beach Rec. Area	Osceola National Forest	Olustee Beach Rec.	Baker	No	0.000	No	0.000	No	-	No	0
19	Alligator Creek STOP Camp	Department H.R.S.	Starke	Bradford	UL	0.000	No	0.000	No	-	No	0
25	North Brevard WWTP	Brevard County Utilities	Mims	Brevard	No	0.000	No	0.000	No	-	No	0
24	Port St. John WWTP	Brevard County Utilities	Port St. John	Brevard	No	0.000	No	0.000	NI	MO	No	0
23	Silver Pine WWTP	Brevard County Utilities	Rockledge	Brevard	TU	0.100	SH	0.000	No	-	No	0
28	South Beaches WWTP	Brevard County Utilities	Melbourne Beach	Brevard	TC	1.000	No	0.000	HM,VO,PP	QT	FD	0
969	South Central WWTP	Brevard County Utilities	Melbourne	Brevard	No	0.000	No	0.000	No	-	No	0
22	Sykes Creek Regional	Brevard County Utilities	Merritt Island	Brevard	TC	0.500	DI	6.000	HM,VO	MO	No	0
20	Cocoa Beach WWTP	Cocoa Beach	Cocoa Beach	Brevard	TC	3.000	SW	6.000	VI	MO	No	0
21	David B. Lee WWTP	Melbourne	Melbourne	Brevard	TC	0.300	No	0.000	HM,VO	QT	No	0
30	Palm Bay	Palm Bay Utilities	Palm Bay	Brevard	TU	1.200	No	0.000	HM,VO,PA	TA	No	0
40	North Regional WWTP	Broward County	Pompano Beach	Broward	No	0.000	SW	66.000	No	-	No	0
41	Pompano Beach Flt./Cl. Fac.	Pompano Beach	Pompano Beach	Broward	TC	2.000	No	0.000	No	-	No	0
55	Eastport	General Devlp. Util. Inc.		Charlotte	UL	40.000	No	0.000	No	-	No	0
56	Westport	General Devlp. Util. Inc.		Charlotte	No	0.000	No	0.000	No	-	No	0
50	Punta Gorda WWTP	Punta Gorda	Punta Gorda	Charlotte	LL	20.000	No	0.000	HM,PH	WK	No	0
52	Maple Leaf	Rampart Utilities	Port Charlotte	Charlotte	UL	0.000	No	0.000	No	-	No	0
53	Rotunda West	Rotunda West		Charlotte	UL	8.750	No	0.000	No	-	No	0
51	West Charlotte	West Charlotte Utilities		Charlotte	No	0.000	No	0.000	No	-	No	0
60	Inverness WWTP	Inverness Utilities	Inverness	Citrus	LL	6.000	No	0.000	No	-	No	0
65	Paramount Hatchery	Paramount Hatchery-Cargil	Orange Park	Clay	UL	0.000	No	0.000	No	-	No	0
75	Collier Co. North Reg WWTP	Collier County Utilities		Collier	UL	45.000	No	0.000	No	-	No	0
74	Foxfire WWTP	Collier County Utilities	Naples	Collier	TU	1.000	No	0.000	PA	WK	No	0
72	Glades WWTP	Collier County Utilities	Naples	Collier	TU	1.000	No	0.000	No	-	No	0

APPENDIX B
 ADDITIONAL TREATMENT PLANT DATA
 1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Storage Type	Storage Volume (mg)	Alternate Discharge Type	Alternate Discharge Capac (mgd)	Addition. Testing	Frequency of Addl. Testing	Delays Problems (Months)
73	Levy WWTP	Collier County Utilities		Collier	UL	25.000	No	0.000	No	-	No 0
71	Marco Island WWTP	Marco Island Utilities	Marco Beach	Collier	TC	0.000	No	0.000	No	-	No 0
70	Naples WWTP	Naples	Naples	Collier	TC	5.000	SW	5.400	No	-	No 0
76	Pelican Bay	Pelican Bay Imp. Dist.	Pelican Bay	Collier	TC,LL	4.290	No	0.000	ALL	AN	No 0
78	Lake City WWTP	Lake City	Lake City	Columbia	LL	45.000	SW	0.000	No	-	No 0
80	Homestead WWTP	Homestead	Homestead	Dade	No	0.000	No	0.000	HM,VO,PP	QT	No 0
82	Miami Oade N. District	Miami Dade W&S Dept.	Miami	Dade	No	0.000	SW	80.000	No	-	No 0
91	Atlantic Beach WWTP	Atlantic Beach	Atlantic Beach	Duval	LL	1.500	SW	2.000	No	-	No 0
793	Hanna Park STP	Jacksonville	Jacksonville	Duval	No	0.000	No	0.000	No	-	No 0
961	DOT Rest Area I-10	Dept. of Transportation		Escambia	No	0.000	No	0.000	No	-	No 0
95	Scenic Hills WWTP	Escambia Co Utilities Opt	Pensacola	Escambia	UL	3.000	No	0.000	ALL	DA	No 0
842	Marineland Inc.	Marineland Inc.	Marineland	Flagler	No	0.000	No	0.000	No	-	No 0
100	Palm Coast Main WWTP	Palm Coast Utilities	Palm Coast	Flagler	LL,UL	7.770	SH	0.000	No	-	No 0
841	Plantation Bay	Plantation Bay	Ormond Beach	Flagler	No	0.000	No	0.000	No	-	No 0
962	DOT Rest Area I-10	Dept. of Transportation		Cadswden	No	0.000	No	0.000	No	-	No 0
800	Lancaster Corr. Inst.	Dept. of Corrections	Trenton	Cilchrist	LL	0.500	No	0.000	No	-	No 0
110	Clewiston WWTP	Clewiston	Clewiston	Hendry	UL,LL	16.000	SW	1.500	No	-	No 0
827	Hendry Correctional Inst.	Hendry Correctional Inst.	Immokalee	Hendry	No	0.000	No	0.000	No	-	No 0
111	Labelle WWTP	Labelle	Labelle	Hendry	LL	0.750	No	0.000	No	-	TR 0
120	Spring Hill WWTP	Deltona Corp.	Spring Hill	Hernando	LL	0.000	No	0.000	No	-	No 0
122	Royal Highlands	Hernando County	Weeki Wachee Springs	Hernando	UL	0.000	No	0.000	No	-	OD 0
130	Avon Park WWTP	Avon Park Public Works	Avon Park	Highlands	No	0.000	No	0.000	No	-	No 0
132	Apollo Beach	Hillsborough Co. Util.	Apollo Beach	Hillsborough	UL	0.000	No	0.000	No	-	No 0
134	Dale Mabry	Hillsborough Co. Util.	Dale Mabry	Hillsborough	TC	30.000	SW	6.000	No	-	PA,CT 0
135	Falkenberg	Hillsborough Co. Util.	Tampa	Hillsborough	TC	5.000	SW	6.000	No	-	No 0
136	Progress Village	Hillsborough Co. Util.	Tampa	Hillsborough	No	0.000	No	0.000	No	-	No 0
137	Providence Lake	Hillsborough Co. Util.	Tampa	Hillsborough	LL	0.000	No	0.000	No	-	No 0
139	South County Regional	Hillsborough Co. Util.	Ruskin	Hillsborough	TC	12.000	SW	8.000	No	-	PA 0
145	Tampa Suburban	Hillsborough Co. Util.	Tampa	Hillsborough	LL	0.000	SW	0.990	No	-	No 0
146	Valrico	Hillsborough Co. Util.	Valrico	Hillsborough	TC	5.000	SW	5.000	No	-	No 0

APPENDIX B
ADDITIONAL TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Storage Type	Storage Volume (mg)	Alternate Discharge Type	Alternate Discharge Capac (mgd)	Alternate Addition Testing	Frequency of Addl. Testing	Delays Problems (Months)	
147	Van Dyke	Hillsborough Co. Util.		Hillsborough	LL	0.000	No	0.000	No	-	No	0
846	MacDill Air Force Base	MacDill Air Force Base	Tampa	Hillsborough	No	0.000	No	0.000	No	-	No	0
741	Hookers Point	Tampa	Tampa	Hillsborough	No	0.000	SW	60.000	ALL	AN	No	0
861	Summerfield Subregional	US Home Corporation		Hillsborough	TC	4.000	No	0.000	NI	WK	No	0
963	DOT Rest Area I-10	Dept. of Transportation		Holmes	No	0.000	No	0.000	No	-	No	0
142	Cifford Regional WWTP	Vero Beach Utilities	Cifford	Indian River	PP	0.000	No	0.000	No	-	BD,TR	0
141	Sea Oaks WWTP	Vero Beach Utilities	Indian River Shores	Indian River	TU	0.750	No	0.000	No	-	No	0
140	West Regional WWTP	Vero Beach Utilities	Vero Beach	Indian River	No	0.000	No	0.000	No	-	No	0
964	DOT Rest Area I-10	Dept. of Transportation		Jackson	No	0.000	No	0.000	No	-	No	0
150	Mayo WWTP	Mayo	Mayo	Lafayette	LL	0.350	No	0.000	No	-	No	0
160	Clermont WWTP	Clermont	Clermont	Lake	UL	21.000	No	0.000	No	-	No	0
163	Eustis WWTP	Eustis	Eustis	Lake	LL	6.000	RR	1.100	ALL	DA	PA	0
162	Leesburg WWTP	Leesburg	Leesburg	Lake	LL	30.000	No	0.000	HM,VO	QT	No	0
164	Mount Dora WWTP	Mount Dora	Mount Dora	Lake	LL	0.000	No	0.000	No	-	No	0
161	Umatilla WWTP	Umatilla	Umatilla	Lake	LL	0.000	No	0.000	No	-	No	0
174	Deltura	Deltura Service Dept.		Lee	TU	0.600	No	0.000	No	-	ST	1
960	DOT Rest Area I-75	Dept. of Transportation		Lee	No	0.000	No	0.000	No	-	No	0
170	Sanibel Sewer System	Envirotech Oper. Services	Sanibel	Lee	UL	3.750	No	0.000	No	-	TR	0
810	Fiddlesticks Country Club	Fiddlesticks Country Club	South Ft. Myers	Lee	LL	0.750	No	0.000	No	-	TR	0
171	Fiesta Village WWTP	Fiesta Village WWTP	Ft. Myers	Lee	No	0.000	SW	5.000	No	-	No	0
172	Ft. Myers Beach WWTP	Ft. Myers Beach	Ft. Myers Beach	Lee	LL	0.000	No	0.000	No	-	No	0
173	North Ft. Myers WWTP	North Ft. Myers Util.	North Ft. Myers	Lee	No	0.000	DI	2.000	No	-	No	0
822	Raintree R.V. Park	Raintree R.V. Park	North Ft. Myers	Lee	TU	0.004	WL	0.025	No	-	No	0
180	Lake Bradford Rd. WWTP	Tallahassee	Tallahassee	Leon	No	0.000	SW	4.500	HM	MO	No	0
181	Thomas P. Smith WWTP	Tallahassee	Tallahassee	Leon	LL	116.500	SW	0.000	HM	MO	No	0
190	Williston WWTP	Williston	Williston	Levy	LL	1.300	No	0.000	HM,VO	QT	No	0
804	DOT Rest Area I-10	Dept. of Trans. Maint.		Madison	No	0.000	No	0.000	No	-	No	0
201	North County Regional	Manatee Cty Utility Dept		Manatee	TC,UL	380.000	No	0.000	ALL	-	No	0
202	Southeast Subregional	Manatee Cty Utility Dept	Bradenton	Manatee	UL	52.000	WL	5.400	ALL	-	No	0
200	Southwest Subregional	Manatee Cty Utility Dept	Bradenton	Manatee	GC	400.000	DI	16.000	VI,HM,PP	QT	No	0

APPENDIX B
ADDITIONAL TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Storage Type	Storage Volume (mg)	Alternate Discharge Type	Alternate Discharge Capac (mgd)	Alternate Addition. Testing	Frequency of Addl. Testing	Delays Problems (Months)	
210	Ocala #1 Pine Ave	Ocala	Ocala	Marion	UL,GC	0.000	No	0.000	No	-	No	0
211	Ocala #2 WWTP	Ocala	Ocala	Marion	UL	25.000	No	0.000	No	-	No	0
890	Banyan House	Banyan House	Stuart	Martin	GC	0.000	No	0.000	No	-	No	0
217	Conquistador	Conquistador Homeowners	Stuart	Martin	GC	0.000	No	0.000	No	-	No	0
215	Martin Correctional Inst.	Dept. of Corrections	Indiantown	Martin	UL	0.000	No	0.000	No	-	No	0
968	DOT Rest Area 1-95	Dept. of Transportation		Martin	No	0.000	No	0.000	No	-	No	0
250	Eaglewood WWTP	Eaglewood Homeowners	Hobe Sound	Martin	LL,GC	3.000	No	0.000	PH	DA	No	0
219	Hydratech	Hydratech Utilities	Hobe Sound	Martin	No	0.000	No	0.000	No	-	No	0
218	Indian River Plantation	Indian River Plantation	Stuart	Martin	LL	6.000	No	0.000	No	-	No	0
720	Dixie Park	Martin County Utilities	Palm City	Martin	UL,GC	1.500	No	0.000	HM,VO,PH	TA	No	0
823	Martin Downs WWTP	Martin Downs Utilities	Palm City	Martin	No	0.000	No	0.000	No	-	No	0
824	Miles Grant WWTP	Miles Grant Utilities	Stuart	Martin	No	0.000	No	0.000	No	-	No	0
971	Pipers Landing	Pipers Landing	Palm City	Martin	No	0.000	No	0.000	No	-	No	0
216	Cutter Sound	R.G.A. Development	Palm City	Martin	No	0.000	No	0.000	No	-	No	0
825	Sailfish Point	Sailfish Point Utilities	Stuart	Martin	No	0.000	No	0.000	No	-	No	0
818	Sunshine Truck Plaza	Enviro Systems	Yulee	Nassau	No	0.000	No	0.000	No	-	No	0
831	Amelia Island	Southern States Utilities	Fernandina Beach	Nassau	No	0.000	No	0.000	No	-	No	0
220	Hilliard WWTP	Hilliard	Hilliard	Nassau	UL	0.480	No	0.000	No	-	No	0
965	DOT Rest Area 1-10 (EBL)	Dept. of Transportation		Okaloosa	No	0.000	No	0.000	No	-	No	0
966	DOT Rest Area 1-10 (WBL)	Dept. of Transportation		Okaloosa	No	0.000	No	0.000	No	-	No	0
306	Destin WWTP	Destin Water Users Inc.	Destin	Okaloosa	TC	2.600	No	0.000	VI	AN	PA,PH	0
301	Main Base WWTP	Eglin Air Force Base	Ft. Walton Beach	Okaloosa	LL	10.000	No	0.000	No	-	No	0
302	Plew Housing WWTP	Eglin Air Force Base	Ft. Walton Beach	Okaloosa	LL	10.000	No	0.000	No	-	No	0
300	Ft. Walton Beach WWTP	Ft. Walton Beach	Ft. Walton Beach	Okaloosa	LL	0.000	No	0.000	HM,VO	WK	No	0
305	Mary Ester WWTP	Mary Ester	Mary Ester	Okaloosa	UL	6.000	No	0.000	No	-	No	0
303	Niceville-Valpariso WWTP	NVOC Regional Sewer	Niceville	Okaloosa	LL	10.000	No	0.000	No	-	No	0
304	Crestview Industrial Park	Okaloosa Water & Sewer	Crestview	Okaloosa	No	0.000	No	0.000	No	-	No	0
307	Garniers WWTP	Okaloosa Water & Sewer	Ft. Walton Beach	Okaloosa	LL	0.000	No	0.000	HM,VO	QT	No	0
320	Okeechobee WWTP	Okeechobee	Okeechobee	Okeechobee	LL,UL	53.500	No	0.000	No	-	No	0
332	Apopka WWTP	Apopka	Apopka	Orange	LL	7.500	No	0.000	No	-	No	0

APPENDIX B
ADDITIONAL TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Storage Type	Storage Volume (mg)	Alternate Discharge Type	Alternate Discharge Capac (mgd)	Alternate Addition. Testing	Frequency of Addl. Testing	Problems	Delays (Months)
335	Ocoee WWTP #2	Ocoee	Ocoee	Orange	No	0.000	No	0.000	NI	WK	No	0
857	Cypress Walk WWTP	Orange Co. Public Util.	Lake Buena Vista	Orange	LL	1.000	No	0.000	No	-	No	0
856	Easterly Subregional WWTP	Orange Co. Public Util.	Orlando	Orange	No	0.000	RR	2.500	No	-	No	0
855	Kelly Park WWTP	Orange Co. Public Util.	Apopka	Orange	No	0.000	No	0.000	No	-	No	0
854	Meadow Woods WWTP	Orange Co. Public Util.	Taft	Orange	LL	3.000	No	0.000	No	-	No	0
851	Northwest Service Area	Orange Co. Public Util.	Apopka	Orange	No	0.000	No	0.000	No	-	No	0
853	Sand Lake Road WWTP	Orange Co. Public Util.	Orlando	Orange	TU,LL	40.000	RR	24.400	No	-	No	0
852	South Central Serv. Area	Orange Co. Public Util.	Orlando	Orange	GC	2.000	RR	0.753	No	-	No	0
850	Southeastern (Lake Nona)	Orange Co. Public Util.	Orlando	Orange	LL	1.000	No	0.000	No	-	No	0
331	CONSERV II WWTP	Orlando	Orlando	Orange	TC	20.000	RR	0.000	No	-	No	0
330	Iron Bridge WWTP	Orlando	Oviedo	Orange	No	0.000	No	0.000	No	-	No	0
848	Water Conserv I	Orlando	Orlando	Orange	TU	2.500	WL	7.500	ALL	AN	FD	0
336	CONSERV II	Orlando/Orange County	Winter Garden	Orange	TC	20.000	RR	44.000	No	-	No	0
334	Univ of Central Florida	U.C.F. Utilities	Orlando	Orange	UL	0.000	No	0.000	No	-	PA	48
333	Winter Park Estates	Winter Park	Winter Park	Orange	LL,TC	6.500	No	0.000	No	-	No	0
353	Camelot WWTP	Kissimmee	Kissimmee	Osceola	UL	4.000	SH	3.000	No	-	No	0
351	South Bermuda WWTP	Kissimmee	Kissimmee	Osceola	LL	6.000	No	0.000	HM,VO,PP	AN	No	0
354	Buenaventura West WWTP	Orange/Osceola Utilities	Kissimmee	Osceola	UL	0.000	WL	0.000	No	-	No	0
356	Poincianna STP #2	Poincianna Utilities		Osceola	LL	9.000	No	0.000	No	-	No	0
355	Reedy Creek Improv. Dist.	Reedy Creek Energy Svcs.	Lake Buena Vista	Osceola	UL	0.000	SW	8.500	No	-	No	0
350	St. Cloud WWTP	St. Cloud	St. Cloud	Osceola	UL	90.000	No	0.000	No	-	No	0
970	Boca Raton WWTP	Boca Raton	Boca Raton	Palm Beach	No	0.000	SW	20.000	No	-	No	0
370	Loxahatchee River E.C.D.	Loxahatchee River E.C.D.	Jupiter	Palm Beach	UL	0.000	No	0.000	No	-	No	0
371	Seacoast Util. PGA WWTP	Seacoast Utilities	Palm Beach Gardens	Palm Beach	UL	1.000	OI	15.000	No	-	No	0
377	Deer Park WWTP	Pasco Co. Public Works	New Port Richie	Pasco	UL	5.000	RR	0.000	No	-	No	0
380	Embassy Hills Subregional	Pasco Co. Public Works	New Port Richie	Pasco	No	0.000	RR	0.000	HM,VO,PP	-	No	0
376	Hudson Subregional WWTP	Pasco Co. Public Works	Hudson	Pasco	No	0.000	RR	0.000	HM,VO,PP	-	No	0
379	Saddlebrook WWTP	Pasco Co. Public Works	Wesley Chapel	Pasco	LL,UL	0.000	SW	0.000	No	-	No	0
390	Zephyrhills	Zephyrhills	Zephyrhills	Pasco	UL	6.000	No	0.000	No	-	No	0
402	Belleair WWTP	Belleair	Belleair	Pinellas	No	0.000	SW	0.900	No	-	BD	1

APPENDIX B
ADDITIONAL TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Storage Type	Storage Volume (mg)	Alternate Discharge Type	Alternate Discharge Capac (mgd)	Addition Testing	Frequency of Addl. Testing	Delays Problems (Months)	
403	Clearwater Northeast WWTP	Clearwater	Clearwater	Pinellas	UL	2.500	SW	13.500	No	-	No	0
400	Largo WWTP	Largo	Largo	Pinellas	No	0.000	SW	15.000	HM,VO,PA	QT	PA	0
401	Oldsmar WWTP	Oldsmar	Oldsmar	Pinellas	UL	38.000	No	0.000	No	-	BD	0
421	Curlew Groves	Pinellas Co. Utilities	Clearwater	Pinellas	UL	0.000	No	0.000	No	-	No	0
418	Cypress Run	Pinellas Co. Utilities	Tarpon Springs	Pinellas	LL	1.000	No	0.000	No	-	No	0
417	Eastlake Woodlands	Pinellas Co. Utilities	Oldsmar	Pinellas	No	0.000	No	0.000	No	-	No	0
415	North Pinellas Co. WWTP	Pinellas Co. Utilities	Wall Springs	Pinellas	UL	64.000	No	0.000	NI,PH	MD	No	0
416	Pine Ridge WWTP	Pinellas Co. Utilities	Pinellas City	Pinellas	No	0.000	No	0.000	No	-	No	0
419	Tarpon Lake Village	Pinellas Co. Utilities	Tarpon Springs	Pinellas	UL	0.000	No	0.000	No	-	No	0
420	Tarpon Woods	Pinellas Co. Utilities	Palm Harbor	Pinellas	UL	0.000	No	0.000	No	-	No	0
410	Albert Whitted	St. Petersburg	St. Petersburg	Pinellas	TC	2.000	DI	32.000	PP	AM	TR	0
414	Dual Distribution System	St. Petersburg	St. Petersburg	Pinellas	No	0.000	No	0.000	No	-	No	0
413	St. Petersburg Northeast	St. Petersburg	St. Petersburg	Pinellas	TC	8.000	DI	27.000	PP	AM	No	0
412	St. Petersburg Northwest	St. Petersburg	St. Petersburg	Pinellas	TC	10.000	DI	46.000	PP	AM	No	0
411	St. Petersburg Southwest	St. Petersburg	St. Petersburg	Pinellas	TC	5.000	DI	30.000	PP	AM	No	0
450	Auburndale WWTP	Auburndale	Auburndale	Polk	LL	1.000	SW	1.000	No	-	No	0
454	Bartow Main WWTP	Bartow	Bartow	Polk	UL	0.500	No	0.000	No	-	No	0
456	Fort Meade WWTP	Fort Meade	Fort Meade	Polk	UL	5000.000	No	0.000	No	-	No	0
453	Haines City WWTP	Haines City	Haines City	Polk	UL	0.000	No	0.000	No	-	No	0
452	Glendale WWTP	Lakeland	Lakeland	Polk	UL	20.000	WL	0.000	HM,PP	TA	No	0
451	Northside WWTP	Lakeland	Lakeland	Polk	TC	1.500	SH,WL	14.000	PP	TA	No	0
455	Winter Haven #3	Winter Haven	Winter Haven	Polk	UL	0.000	SW	0.000	No	-	No	0
830	Jan's Modular Estates	Jan's Modular Estates	San Mateo	Putnam	No	0.000	No	0.000	No	-	No	0
815	Melrose Elementry	Melrose Elementry	Melrose	Putnam	No	0.000	No	0.000	No	-	No	0
967	DOT Rest Area 1-10	Dept. of Transportation		Santa Rosa	No	0.000	No	0.000	No	-	No	0
470	Santa Rosa WWTP	Santa Rosa/Navarre Beach		Santa Rosa	No	0.000	No	0.000	No	-	No	0
485	Central County Utilities	Central County Utilities	Sarasota	Sarasota	LL	19.000	No	0.000	PH,NI	BW	No	0
484	South Gate	Florida Cities Water Co.	Sarasota	Sarasota	No	0.000	SW	1.300	No	-	No	0
482	Northport	General Devlp. Util. Inc.	Northport	Sarasota	TC	0.600	DI	2.400	ALL	QT	No	0
483	Sarasota WWTP	Sarasota Water Utilities	Sarasota	Sarasota	TC	0.500	SW	13.000	HM,VI,PP	AN	No	0

APPENDIX B
ADDITIONAL TREATMENT PLANT DATA
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County*	Storage Type	Storage Volume (mg)	Alternate Discharge Type	Alternate Discharge Capac (mgd)	Frequency of Addl. Testing	Delays Problems (Months)
481	Venice Island WWTP	Venice	Venice	Sarasota	UL	15.000	No	0.000 No	-	No 0
480	Venice Garden #1 WWTP	Venice Garden Utilities	Venice	Sarasota	No	0.000	No	0.000 No	-	No 0
490	Alafaya WWTP	Alafaya Utilities Inc.	Oviedo	Seminole	No	0.000	No	0.000 No	-	No 0
492	Altamonte Springs WWTP	Altamonte Springs	Altamonte Springs	Seminole	TC	7.000	SW	10.000 VI	MO	No 0
493	Casselberry WWTP	Casselberry	Casselberry	Seminole	TC	1.000	No	0.000 No	-	No 0
972	Sanford WWTP	Sanford	Sanford	Seminole	No	0.000	No	0.000 No	-	No 0
494	Tusawilla Subdivision	Seminole Utilities Co.	Winter Springs	Seminole	UL	4.000	SH	0.324 No	-	No 0
491	Winter Springs WWTP	Winter Springs	Winter Springs	Seminole	UL	0.000	No	0.000 No	-	No 0
601	Anastasia Sewer District	Anastasia Sewer District	St. Augustine	St. Johns	TC	1.000	SW	3.000 No	-	No 0
814	Dairy Queen of Marineland	Dairy Queen of Marineland	Marineland	St. Johns	TU	0.000	No	0.000 No	-	No 0
807	DOT Rest Area I-95 (NBL)	Dept. of Trans. Maint.		St. Johns	No	0.000	No	0.000 No	-	No 0
806	DOT Rest Area I-95 (SBL)	Dept. of Trans. Maint.		St. Johns	No	0.000	No	0.000 No	-	No 0
811	Sawgrass WWTP	Jax Utilities Mangmnt.	Ponte Vedra	St. Johns	LL	3.000	SW	0.700 No	-	PM 24
812	St. Augustine Shores	St. Augustine Shores Util	St. Augustine Shores	St. Johns	No	0.000	No	0.000 No	-	No 0
604	Inlet Beach	St. Johns Service Company		St. Johns	UL	1.500	No	0.000 No	-	No 0
603	Marsh Landing	St. Johns Service Company	St. Augustine	St. Johns	LL	13.000	No	0.000 No	-	No 0
605	Players Club	St. Johns Service Company	Sawgrass	St. Johns	UL	3.500	No	0.000 No	-	No 0
819	St. Johns Forest	Sunray Utilities Inc.	St. Augustine	St. Johns	No	0.000	No	0.000 No	-	No 0
620	North Hutchinson Island	Common Wealth	Ft. Pierce	St. Lucie	No	0.000	No	0.000 No	-	No 0
623	Harbour Ridge	Harbour Ridge	Ft. Pierce	St. Lucie	UL	2.400	RR	0.250 No	-	No 0
821	Island Dunes WWTP	Island Dunes Utilities	Hutchinson Island	St. Lucie	No	0.000	No	0.000 No	-	No 0
621	Spanish Lakes Fairways	Spanish Lakes Fairways	Ft. Pierce	St. Lucie	LL	0.000	No	0.000 No	-	PM 0
622	St. Lucie West	St. Lucie West Utilities	St. Lucie West	St. Lucie	LL	14.000	No	0.000 No	-	No 0
501	Branford WWTP	Branford	Branford	Suwannee	LL	0.000	No	0.000 No	-	No 0
839	Jennings WWTP	Jennings	Jennings	Suwannee	No	0.000	No	0.000 No	-	No 0
500	Live Oak WWTP	Live Oak	Live Oak	Suwannee	LL	3.000	No	0.000 No	-	No 0
820	Occidental Chemical Co.	Occidental Chemical Co.	White Springs	Suwannee	No	0.000	No	0.000 No	-	No 0
816	Spirit of the Suwannee	Spirit of the Suwannee	Live Oak	Suwannee	UL	0.000	No	0.000 No	-	No 0
805	DOT Rest Area U.S. 19	Dept. of Trans. Maint.		Taylor	No	0.000	No	0.000 No	-	No 0
512	Daytona Beach Regional	Daytona Beach	Daytona Beach	Volusia	No	0.000	SW	10.000 VO,PA,PP	AN	No 0

APPENDIX B
 ADDITIONAL TREATMENT PLANT DATA
 1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	Location (City)	County	Storage Type	Storage Volume (mg)	Alternate Discharge Type	Alternate Discharge Capac (mgd)	Addition. Testing	Frequency of Addl. Testing	Problems	Delays (Months)
510	Deland Regional WWTP	Deland	Deland	Volusia	No	0.000	No	0.000	No	-	No	0
511	Port Orange WWTP	Port Orange	Port Orange	Volusia	TC	1.000	SW	5.600	No	-	No	0
860	Agricultural Center	Volusia Co. Env. Mngmt.	Deland	Volusia	No	0.000	No	0.000	No	-	No	0
520	South Walton WWTP	South Walton Utility Co.	Miramar Beach	Walton	No	0.000	No	0.000	No	-	No	0
*** Total ***						6909.384		638.722				74

Appendix C

Reuse Activities

Use it Again, Florida!

APPENDIX C
REUSE ACTIVITIES
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Plan'd Under Drain	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments
10	Alachua WWTP	Alachua	Alachua	AI	HI	1976	0.400	0.260	100.0	45.0	No		0.000	0.0	New design in progress as of 6/89
8	Gates Energy Products	Gates Energy Products	Alachua	CI	CW	9999	0.060	0.037	0.0	0.0	No		0.000	0.0	Domestic wastewater reused with industrial wastewater
8	Gates Energy Products	Gates Energy Products	Alachua	CI	PW	9999	0.060	0.037	0.0	0.0	No		0.000	0.0	Domestic wastewater reused with industrial wastewater
11	Newberry WWTP	Newberry	Alachua	AI	HI	1978	0.415	0.230	65.0	65.0	No		0.000	0.0	
13	Scottish Inn / Al Karim	Scottish Inn	Alachua	AI	C	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
16	Turkey Creek	Turkey Creek Inc.	Alachua	AI	C	9999	0.060	0.060	0.0	0.0	No		0.000	0.0	
802	Hillcrest Trailer Park	Union Properties	Alachua	AI	C	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
829	Olustee Beach Rec. Area	Osceola National Forest	Baker	AI	C	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
19	Alligator Creek STOP Camp	Department H.R.S.	Bradford	AI	C	1986	0.005	0.005	0.0	0.0	No		0.000	0.0	
25	North Brevard WWTP	Brevard County Utilities	Brevard	AI	C	1986	0.050	0.025	2.5	2.5	No		0.000	0.0	Irrigate plant grounds
25	North Brevard WWTP	Brevard County Utilities	Brevard	OT	PO	1986	0.001	0.001	0.0	0.0	No		0.000	0.0	As needed
25	North Brevard WWTP	Brevard County Utilities	Brevard	GR	RR	1986	1.000	0.250	30.0	30.0	No		0.000	0.0	
24	Port St. John WWTP	Brevard County Utilities	Brevard	OT	PO	1985	0.001	0.001	0.0	0.0	No		0.000	0.0	Plant operations - as needed
24	Port St. John WWTP	Brevard County Utilities	Brevard	GR	RR	1985	0.250	0.200	0.0	0.0	No		0.000	0.0	3 ponds
23	Silver Pine WWTP	Brevard County Utilities	Brevard	AI	SF		0.000	0.000	0.0	0.0	No	1989	0.100	0.0	Future sod farm
23	Silver Pine WWTP	Brevard County Utilities	Brevard	OT	PO		0.000	0.000	0.0	0.0	No	1989	0.005	0.0	Future plant operations
28	South Beaches WWTP	Brevard County Utilities	Brevard	OT	PO	1984	0.010	0.008	0.0	0.0	No		0.000	0.0	
28	South Beaches WWTP	Brevard County Utilities	Brevard	PA	RI	9999	0.500	0.000	0.0	0.0	No		0.000	0.0	
28	South Beaches WWTP	Brevard County Utilities	Brevard	PA	GC	1984	1.500	1.200	0.0	0.0	No		0.000	0.0	
969	South Central WWTP	Brevard County Utilities	Brevard	PA	RI	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
969	South Central WWTP	Brevard County Utilities	Brevard	AI	SF	1990	3.000	3.000	0.0	0.0	No		0.000	0.0	Total system flow shown here
22	Sykes Creek Regional	Brevard County Utilities	Brevard	OT	TF	1987	0.015	0.015	0.0	0.0	No		0.000	0.0	Toilet flushing
22	Sykes Creek Regional	Brevard County Utilities	Brevard	AI	C	1988	0.100	0.055	10.0	10.0	No		0.000	0.0	

APPENDIX C
REUSE ACTIVITIES
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Under Drain	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acre)	Comments
22	Sykes Creek Regional	Brevard County Utilities	Brevard	PA	CC		0.000	0.000	0.0	0.0	No	1989	1.000	0.0	Future
22	Sykes Creek Regional	Brevard County Utilities	Brevard	AI	CC		0.000	0.000	0.0	0.0	No	9999	1.000	0.0	Future
20	Cocoa Beach WWTP	Cocoa Beach	Brevard	PA	RI	1984	5.400	2.800	200.0	200.0	No		0.000	0.0	In 1984 1/3 Reuse, in 1989 2/3 Reuse
20	Cocoa Beach WWTP	Cocoa Beach	Brevard	PA	AF	1984	0.010	0.010	30.0	30.0	No		0.000	0.0	
20	Cocoa Beach WWTP	Cocoa Beach	Brevard	PA	CC	1984	0.400	0.400	145.0	145.0	No		0.000	0.0	
21	David B. Lee WWTP	Melbourne	Brevard	PA	CC	1988	5.750	3.500	0.0	0.0	No		0.000	0.0	
30	Palm Bay	Palm Bay Utilities	Brevard	PA	CC		0.000	0.000	0.0	0.0	No	1990	0.500	0.0	Future
30	Palm Bay	Palm Bay Utilities	Brevard	PA	WT		0.000	0.000	0.0	0.0	No	1990	2.000	0.0	Future
40	North Regional WWTP	Broward County	Broward	OT	PO	1982	0.024	0.024	0.0	0.0	No		0.000	0.0	Pompano Beach takes water from this plant's outfall
41	Pompano Beach Flt/Cl Fac.	Pompano Beach	Broward	PA	CC	1989	2.500	2.500	0.0	0.0	No		0.000	0.0	This plant takes water from North Broward outfall and disinfects
41	Pompano Beach Flt/Cl Fac.	Pompano Beach	Broward	PA	PA	1989	2.500	2.500	0.0	0.0	No		0.000	0.0	This plant takes water from North Broward and disinfects
55	Eastport	General Devlp. Util. Inc.	Charlotte	AI	W	1988	1.200	0.700	800.0	800.0	No	1990	3.000	0.0	limited access - irrigate grasslands & woods
55	Eastport	General Devlp. Util. Inc.	Charlotte	OT	PO	1988	0.000	0.000	0.0	0.0	No		0.000	0.0	
56	Westport	General Devlp. Util. Inc.	Charlotte	AI	G	1960	0.330	0.125	0.0	0.0	No		0.000	0.0	On-site, limited access
50	Punta Gorda WWTP	Punta Gorda	Charlotte	AI	HI	1984	2.000	1.500	300.0	300.0	Yes	9999	3.200	500.0	
52	Maple Leaf	Rampart Utilities	Charlotte	PA	CC	1989	0.400	0.400	0.0	0.0	No		0.000	0.0	
53	Rotunda West	Rotunda West	Charlotte	PA	CC	1989	0.625	0.350	40.0	40.0	No		0.000	0.0	
53	Rotunda West	Rotunda West	Charlotte	GR	RR	1989	0.000	0.000	5.0	5.0	No		0.000	0.0	Excess flows
53	Rotunda West	Rotunda West	Charlotte	PA	WT	1989	0.000	0.000	0.0	0.0	No		0.000	0.0	
51	West Charlotte	West Charlotte Utilities	Charlotte	GR	RR	1986	0.375	0.000	10.0	10.0	No	1990	1.500	150.0	
60	Inverness WWTP	Inverness Utilities	Citrus	AI	HI	1983	1.500	0.550	150.0	150.0	No		0.000	0.0	
65	Paramount Hatchery	Paramount Hatchery-Cargil	Clay	AI	G	1960	0.020	0.020	5.0	5.0	No		0.000	0.0	
75	Collier Co. North Reg WWTP	Collier County Utilities	Collier	GR	RR	1976	1.000	1.000	0.0	0.0	No		0.000	0.0	

APPENDIX C
REUSE ACTIVITIES
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Area Under Drain	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments
75	Collier Co. North Reg WWTP	Collier County Utilities	Collier	PA	CC	1986	2.500	2.000	0.0	0.0	No	1990	4.500	0.0	
74	Foxfire WWTP	Collier County Utilities	Collier	GR	RR	1978	0.000	0.000	0.0	0.0	No		0.000	0.0	Excess flows
74	Foxfire WWTP	Collier County Utilities	Collier	PA	CC	1978	0.300	0.100	0.0	0.0	No		0.000	0.0	
72	Glades WWTP	Collier County Utilities	Collier	PA	CC	1978	0.100	0.100	0.0	0.0	No		0.000	0.0	
72	Glades WWTP	Collier County Utilities	Collier	GR	RR	1978	1.500	1.500	0.0	0.0	No		0.000	0.0	
73	Levy WWTP	Collier County Utilities	Collier	PA	CC	1978	1.600	1.000	0.0	0.0	No	1990	8.000	0.0	
73	Levy WWTP	Collier County Utilities	Collier	GR	RR	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	Excess flows
71	Marco Island WWTP	Marco Island Utilities	Collier	PA	CC	9999	2.500	0.000	315.0	290.0	No		0.000	0.0	
71	Marco Island WWTP	Marco Island Utilities	Collier	GR	RR	9999	2.500	1.600	11.5	11.5	No		0.000	0.0	
70	Naples WWTP	Naples	Collier	DT	PD	1987	0.050	0.050	0.0	0.0	No		0.000	0.0	
70	Naples WWTP	Naples	Collier	PA	CC	1987	8.500	5.500	0.0	0.0	No		0.000	0.0	Irrigate 9 golf courses
76	Pelican Bay	Pelican Bay Imp. Dist.	Collier	PA	RI	1987	1.000	0.600	950.0	500.0	No		0.000	0.0	
76	Pelican Bay	Pelican Bay Imp. Dist.	Collier	OT	PO	1980	0.050	0.050	0.0	0.0	No		0.000	0.0	
76	Pelican Bay	Pelican Bay Imp. Dist.	Collier	PA	CC	1980	0.412	0.412	0.0	0.0	No		0.000	0.0	
78	Lake City WWTP	Lake City	Columbia	AI	HI	1987	3.000	2.700	460.0	460.0	No		0.000	0.0	
80	Homestead WWTP	Homestead	Dade	GR	RR	1989	2.250	0.500	20.0	20.0	No		0.000	0.0	
80	Homestead WWTP	Homestead	Dade	GR	TR	1989	2.300	1.700	20.0	20.0	No		0.000	0.0	
80	Homestead WWTP	Homestead	Dade	OT	PO	1989	0.020	0.020	0.0	0.0	No		0.000	0.0	
82	Miami Dade N. District	Miami Dade W&S Dept.	Dade	PA	SC		0.000	0.000	0.0	0.0	No	9999	0.000	0.0	Irrigated at Florida International University
91	Atlantic Beach WWTP	Atlantic Beach	Duval	OT	PO	1987	0.000	0.000	0.0	0.0	No		0.000	0.0	
793	Marina Park STP	Jacksonville	Duval	PA	PA	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	Irrigate Kathryn Abby Park
961	DOT Rest Area 1-10	Dept. of Transportation	Escambia	GR	AF	9999	0.003	0.003	0.0	0.0	No		0.000	0.0	
95	Scenic Hills WWTP	Escambia Co Utilities Dept	Escambia	AI	G	1972	0.988	0.450	40.0	40.0	No		0.000	0.0	
942	Marineland Inc.	Marineland Inc.	Flagler	PA		9999	0.015	0.015	0.0	0.0	No		0.000	0.0	
100	Palm Coast Main WWTP	Palm Coast Utilities	Flagler	PA	CC		0.000	0.000	0.0	0.0	No	1990	0.600	0.0	Future
100	Palm Coast Main WWTP	Palm Coast Utilities	Flagler	AI	G	1980	1.220	0.300	80.0	80.0	No		0.000	0.0	
100	Palm Coast Main WWTP	Palm Coast Utilities	Flagler	GR	RR	1980	1.000	1.000	8.0	8.0	No	1990	2.600	38.0	Rotate 14 Basins
100	Palm Coast Main WWTP	Palm Coast Utilities	Flagler	OT	PO	1980	0.000	0.000	0.0	0.0	No		0.000	0.0	As needed

APPENDIX C
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Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area Under Drain (Acres)	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments	
841	Plantation Bay	Plantation Bay	Flagler	PA	GC	9999	0.026	0.026	0.0	0.0	No	0.000	0.0		
962	DOT Rest Area 1-10	Dept. of Transportation	Gadsden	AI	G	9999	0.007	0.007	0.0	0.0	No	0.000	0.0		
800	Lancaster Corr. Inst.	Dept. of Corrections	Cilchrist	AI	G	1968	0.120	0.068	13.0	13.0	No	0.000	0.0		
110	Clewiston WWTP	Clewiston	Hendry	AI	HI	1987	0.837	0.750	110.0	110.0	Yes	1990	1.500	210.0	
110	Clewiston WWTP	Clewiston	Hendry	OT	PO	1987	0.001	0.001	0.0	0.0	No	0.000	0.0		
827	Hendry Correctional Inst.	Hendry Correctional Inst.	Hendry	CR	RR	9999	0.000	0.000	0.0	0.0	No	0.000	0.0		
827	Hendry Correctional Inst.	Hendry Correctional Inst.	Hendry	AI	G	9999	0.000	0.000	0.0	0.0	No	0.000	0.0		
111	Labelle WWTP	Labelle	Hendry	AI	G	1984	0.950	0.150	0.0	0.0	No	0.000	0.0		
120	Spring Hill WWTP	Deltona Corp.	Hernando	AI	G	1967	2.000	0.800	300.0	90.0	No	0.000	0.0		
120	Spring Hill WWTP	Deltona Corp.	Hernando	CR	RR	1967	2.000	0.800	0.0	0.0	No	0.000	0.0		
122	Royal Highlands	Hernando County	Hernando	PA	CC	1980	0.200	0.098	0.0	0.0	No	1995	0.000	0.0	
122	Royal Highlands	Hernando County	Hernando	CR	RR		0.000	0.000	0.0	0.0	No	1995	1.000	0.0	Future
130	Avon Park WWTP	Avon Park Public Works	Highlands	PA	GC		0.000	0.000	0.0	0.0	No	1989	0.000	0.0	Future
130	Avon Park WWTP	Avon Park Public Works	Highlands	CR	RR	1986	1.500	0.000	0.0	0.0	No		0.000	0.0	
132	Apollo Beach	Hillsborough Co. Util.	Hillsborough	AI	G	9999	1.500	0.430	419.0	419.0	No		0.000	0.0	2 fields 260 and 159 acres; off-line about 1991
134	Dale Mabry	Hillsborough Co. Util.	Hillsborough	PA	RI		0.000	0.000	0.0	0.0	No	1990	0.500	0.0	Future
134	Dale Mabry	Hillsborough Co. Util.	Hillsborough	PA	GC	9999	0.910	0.910	0.0	0.0	No		0.000	0.0	Irrigate 2 golf courses
135	Falkenberg	Hillsborough Co. Util.	Hillsborough	CI	CW	1989	0.850	0.850	0.0	0.0	No		0.000	0.0	County resource recovery plant
135	Falkenberg	Hillsborough Co. Util.	Hillsborough	AI	G	1989	0.900	0.900	210.0	210.0	No		0.000	0.0	Some ponding - site utilization has been minimized
135	Falkenberg	Hillsborough Co. Util.	Hillsborough	PA	BP	1989	0.100	0.100	0.0	0.0	No		0.000	0.0	Sabal Park
136	Progress Village	Hillsborough Co. Util.	Hillsborough	AI	G	1987	0.750	0.250	200.0	200.0	No		0.000	0.0	Off-line about 1992
137	Providence Lake	Hillsborough Co. Util.	Hillsborough	AI	G	9999	0.099	0.090	26.0	26.0	No		0.000	0.0	Some ponding - off-line about 1990
139	South County Regional	Hillsborough Co. Util.	Hillsborough	CI	CW	1988	0.700	0.700	0.0	0.0	No		0.000	0.0	Use at TECO power plant
139	South County Regional	Hillsborough Co. Util.	Hillsborough	PA	GC	1988	3.000	0.600	0.0	0.0	No		0.000	0.0	Irrigate 5 golf courses

APPENDIX C
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Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Under Drain	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acre)	Comments
139	South County Regional	Hillsborough Co. Util.	Hillsborough	PA	RI		0.000	0.000	0.0	0.0	No	1990	0.600	0.0	Future
139	South County Regional	Hillsborough Co. Util.	Hillsborough	PA	HW		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
145	Tampa Suburban	Hillsborough Co. Util.	Hillsborough	PA	GC	9999	0.250	0.100	0.0	0.0	No		0.000	0.0	Off-line about 1991
146	Valrico	Hillsborough Co. Util.	Hillsborough	AI	C	1989	2.000	0.000	263.0	263.0	No		0.000	0.0	
146	Valrico	Hillsborough Co. Util.	Hillsborough	PA	GC	1988	1.000	0.700	295.0	295.0	No		0.000	0.0	Irrigate 2 golf courses
147	Van Dyke	Hillsborough Co. Util.	Hillsborough	PA	GC	9999	0.550	0.120	91.5	91.5	No		0.000	0.0	Irrigate 1 golf course
147	Van Dyke	Hillsborough Co. Util.	Hillsborough	PA	RI	9999	0.200	0.120	85.0	85.0	No		0.000	0.0	
846	MacDill Air Force Base	MacDill Air Force Base	Hillsborough	PA	CC	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
741	Hookers Point	Tampa	Hillsborough	OT	PO	1979	2.500	1.500	0.0	0.0	No		0.000	0.0	
741	Hookers Point	Tampa	Hillsborough	CI	CW	1985	0.864	0.500	0.0	0.0	No		0.000	0.0	
741	Hookers Point	Tampa	Hillsborough	EN	AT	1980	60.000	56.600	0.0	0.0	No		0.000	0.0	
861	Summerfield Subregional	US Home Corporation	Hillsborough	PA	HW	1989	0.020	0.020	15.0	15.0	No		0.000	0.0	
861	Summerfield Subregional	US Home Corporation	Hillsborough	PA	GC	1988	0.500	0.080	300.0	300.0	No		0.000	0.0	
963	DOT Rest Area 1-10	Dept. of Transportation	Holmes	GR	RR	9999	0.006	0.006	0.0	0.0	No		0.000	0.0	2 cells
142	Gifford Regional WWT	Vero Beach Utilities	Indian River	PA	CC	1989	0.750	0.750	0.0	0.0	No	1990	1.750	0.0	Irrigate 1 golf course
141	Sea Oaks WWT	Vero Beach Utilities	Indian River	PA	RI	1986	0.210	0.040	0.0	0.0	No		0.000	0.0	
140	West Regional WWT	Vero Beach Utilities	Indian River	AI	C	1989	0.580	0.300	148.0	135.0	No		0.000	0.0	
964	DOT Rest Area 1-10	Dept. of Transportation	Jackson	GR	AF	9999	0.011	0.011	0.0	0.0	No		0.000	0.0	
150	Mayo WWT	Mayo	Lafayette	AI	HI	1981	0.150	0.055	33.0	18.0	No		0.000	0.0	
180	Clermont WWT	Clermont	Lake	AI	HI	1971	0.990	0.530	85.0	85.0	No		0.000	0.0	
163	Eustis WWT	Eustis	Lake	GR	RR	1974	1.100	0.100	26.0	26.0	No		0.000	0.0	
163	Eustis WWT	Eustis	Lake	AI	HI	1986	1.800	1.200	200.0	200.0	No		0.000	0.0	
162	Leesburg WWT	Leesburg	Lake	AI	HI	1980	3.500	2.700	320.0	320.0	Yes	1994	5.500	520.0	
164	Mount Dora WWT	Mount Dora	Lake	PA	SC	1985	0.000	0.000	0.0	0.0	No		0.000	0.0	
161	Umatilla WWT	Umatilla	Lake	AI	C	1980	0.250	0.150	20.0	20.0	No		0.000	0.0	
161	Umatilla WWT	Umatilla	Lake	GR	RR	1980	0.000	0.000	0.0	0.0	No		0.000	0.0	Excess flows only - 7 ponds
161	Umatilla WWT	Umatilla	Lake	OT	PO	1980	0.001	0.001	0.0	0.0	No		0.000	0.0	
174	Deltura	Deltura Service Dept.	Lee	PA	GC	9999	0.200	0.200	0.0	0.0	No		0.000	0.0	
174	Deltura	Deltura Service Dept.	Lee	GR	RR	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	Excess flows only

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Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Plan'd Under Drain	Planned Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acre)	Comments
960	DOT Rest Area I-75	Dept. of Transportation	Lee	GR	RR	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
170	Sanibel Sewer System	Envirotech Oper. Services	Lee	PA	CC	1975	1.250	0.500	0.0	0.0	No		0.000	0.0	
810	Fiddlesticks Country Club	Fiddlesticks Country Club	Lee	PA	CC	1982	1.500	0.500	265.0	265.0	No		0.000	0.0	
171	Fiesta Village WWT	Fiesta Village WWT	Lee	PA	CC	1985	1.400	1.400	0.0	0.0	No		0.000	0.0	
172	Ft. Myers Beach WWT	Ft. Myers Beach	Lee	OT	PO	1978	0.020	0.020	0.0	0.0	No		0.000	0.0	
172	Ft. Myers Beach WWT	Ft. Myers Beach	Lee	PA	CC	1989	1.000	1.000	0.0	0.0	No	1990	6.000	0.0	
172	Ft. Myers Beach WWT	Ft. Myers Beach	Lee	GR	RR	1978	2.710	1.100	120.0	120.0	No	1990	6.000	120.0	
173	North Ft. Myers WWT	North Ft. Myers Util.	Lee	PA	CC	9999	0.400	0.400	0.0	0.0	No		0.000	0.0	
822	Raintree R.V. Park	Raintree R.V. Park	Lee	AI	W	1988	0.035	0.006	4.0	4.0	No		0.000	0.0	
180	Lake Bradford Rd. WWT	Tallahassee	Leon	AI	HI	1984	4.500	4.000	0.0	0.0	No		0.000	0.0	Pumped to the main Tallahassee plant for pumping to spray fields
181	Thomas P. Smith WWT	Tallahassee	Leon	AI	HI	1978	1.200	1.000	250.0	102.0	No		0.000	0.0	
181	Thomas P. Smith WWT	Tallahassee	Leon	AI	RI	1980	22.000	14.000	1897.0	1897.0	No		0.000	0.0	This system also irrigates CI,SI,BC
190	Williston WWT	Williston	Levy	AI	HI	1987	0.450	0.325	85.0	85.0	No		0.000	0.0	
804	DOT Rest Area I-10	Dept. of Trans. Maint.	Madison	PA	PA	9999	0.010	0.010	0.0	0.0	No		0.000	0.0	
201	North County Regional	Manatee Cty Utility Dept	Manatee	PA	CC	1986	1.000	0.850	350.0	350.0	No	1991	1.700	620.0	
201	North County Regional	Manatee Cty Utility Dept	Manatee	GR	RR	1988	0.000	0.000	124.0	124.0	No		0.000	0.0	
201	North County Regional	Manatee Cty Utility Dept	Manatee	AI	CC	1990	3.700	3.700	1500.0	1500.0	No		0.000	0.0	
201	North County Regional	Manatee Cty Utility Dept	Manatee	AI	BC	1989	3.700	0.000	1250.0	1250.0	No		0.000	0.0	
201	North County Regional	Manatee Cty Utility Dept	Manatee	OT	PO	1989	0.800	0.500	50.0	50.0	No		0.000	0.0	
202	Southeast Subregional	Manatee Cty Utility Dept	Manatee	AI	SF	1989	8.300	1.300	4000.0	1500.0	No		0.000	0.0	Includes citrus and beef cattle
202	Southeast Subregional	Manatee Cty Utility Dept	Manatee	OT	PO	1987	0.500	0.500	30.0	30.0	No		0.000	0.0	
202	Southeast Subregional	Manatee Cty Utility Dept	Manatee	GR	RR	1986	0.000	0.000	20.0	20.0	No		0.000	0.0	
200	Southwest Subregional	Manatee Cty Utility Dept	Manatee	PA	PA	1988	0.300	0.170	120.0	120.0	No		0.000	0.0	
200	Southwest Subregional	Manatee Cty Utility Dept	Manatee	AI	WN	1987	7.500	7.500	1500.0	1500.0	No		0.000	0.0	
200	Southwest Subregional	Manatee Cty Utility Dept	Manatee	GR	RR	1974	0.250	0.250	120.0	120.0	No		0.000	0.0	
200	Southwest Subregional	Manatee Cty Utility Dept	Manatee	PA	CC	1987	1.800	1.800	370.0	370.0	No		0.000	0.0	

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200	Southwest Subregional	Manatee Cty Utility Dept	Manatee	PA	WT	1987	1.300	1.300	20.0	20.0	No		0.000	0.0	
200	Southwest Subregional	Manatee Cty Utility Dept	Manatee	OT	PO	1987	1.000	1.000	50.0	50.0	No		0.000	0.0	
210	Ocala #1 Pine Ave	Ocala	Marion	GR	RR	1950	0.000	0.000	0.0	0.0	No		0.000	0.0	Excess flows
210	Ocala #1 Pine Ave	Ocala	Marion	PA	CC	1987	2.500	2.500	0.0	0.0	No		0.000	0.0	
210	Ocala #1 Pine Ave	Ocala	Marion	AI	CI		0.000	0.000	0.0	0.0	No	1990	0.000	43.0	Future
211	Ocala #2 WWT	Ocala	Marion	GR	RR	1971	3.500	2.600	39.0	39.0	No		0.000	0.0	
211	Ocala #2 WWT	Ocala	Marion	AI	HI		0.000	0.000	0.0	0.0	No	1992	8.400	850.0	Future
211	Ocala #2 WWT	Ocala	Marion	OT	PO	1975	0.025	0.025	0.0	0.0	No		0.000	0.0	
890	Banyan House	Banyan House	Martin	PA	CC	1985	0.200	0.150	0.0	0.0	No		0.000	0.0	Irrigate a 36-hole golf course
217	Conquistador	Conquistador Homeowners	Martin	PA	CC	1985	0.080	0.065	0.0	0.0	No		0.000	0.0	36-hole golf course
217	Conquistador	Conquistador Homeowners	Martin	PA	WJ	1985	0.000	0.000	0.0	0.0	No		0.000	0.0	
215	Martin Correctional Inst.	Dept. of Corrections	Martin	AI	CC	1984	0.300	0.153	80.0	80.0	No		0.000	0.0	
968	DOT Rest Area 1-95	Dept. of Transportation	Martin	GR	RR	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
250	Eaglewood WWT	Eaglewood Homeowners	Martin	PA	CC	1984	0.090	0.040	24.0	24.0	No		0.000	0.0	
219	Hydratech	Hydratech Utilities	Martin	GR	RR	9999	0.000	0.000	1.0	1.0	No		0.000	0.0	
219	Hydratech	Hydratech Utilities	Martin	PA	WT	1987	0.000	0.000	0.0	0.0	No		0.000	0.0	Storage on site @ golf course
219	Hydratech	Hydratech Utilities	Martin	PA	CC	1987	0.600	0.450	0.0	0.0	No		0.000	0.0	
219	Hydratech	Hydratech Utilities	Martin	FP	HY	1987	0.000	0.000	0.0	0.0	No		0.000	0.0	Fire protection using hydrants
218	Indian River Plantation	Indian River Plantation	Martin	PA	CC	1987	0.300	0.250	70.0	70.0	No		0.000	0.0	
720	Dixie Park	Martin County Utilities	Martin	PA	CC		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
823	Martin Downs WWT	Martin Downs Utilities	Martin	PA	CC		0.000	0.000	0.0	0.0	No	9999	0.000	0.0	Future
824	Miles Grant WWT	Miles Grant Utilities	Martin	PA	CC	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
971	Pipers Landing	Pipers Landing	Martin	PA	CC	9999	0.100	0.100	0.0	0.0	No		0.000	0.0	
216	Cutter Sound	R.G.A. Development	Martin	PA	CC	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
825	Sailfish Point	Sailfish Point Utilities	Martin	PA	CC	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
818	Sunshine Truck Plaza	Enviro Systems	Nassau	AI	G	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
831	Amelia Island	Southern States Utilities	Nassau	PA	CC	9999	0.300	0.300	0.0	0.0	No		0.000	0.0	Irrigate 3 golf courses

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1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area Under Drain (Acres)	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments	
220	Hilliard WWTP	Hilliard	Massua	AI	G	1975	0.160	0.130	21.5	21.5	No	0.000	0.0		
965	OOT Rest Area 1-10 (EBL)	Dept. of Transportation	Okaloosa	GR	RR	9999	0.003	0.003	0.0	0.0	No	0.000	0.0	2 cells	
966	OOT Rest Area 1-10 (WBL)	Dept. of Transportation	Okaloosa	GR	RR	9999	0.003	0.003	0.0	0.0	No	0.000	0.0	2 cells	
306	Destin WWTP	Destin Water Users Inc.	Okaloosa	PA	AP		0.000	0.000	0.0	0.0	No	1989	0.300	3.0 Future	
306	Destin WWTP	Destin Water Users Inc.	Okaloosa	OT	PO	1984	0.030	0.030	0.0	0.0	No	0.000	0.0		
306	Destin WWTP	Destin Water Users Inc.	Okaloosa	GR	RR	1984	3.400	0.700	29.0	29.0	No	0.000	0.0		
306	Destin WWTP	Destin Water Users Inc.	Okaloosa	PA	CC	1984	0.700	0.350	0.0	0.0	No	0.000	0.0		
301	Main Base WWTP	Eglin Air Force Base	Okaloosa	AI	G	1988	1.000	0.700	240.0	240.0	No	0.000	0.0	Uses same site as does Plew Housing WWTP	
302	Plew Housing WWTP	Eglin Air Force Base	Okaloosa	AI	G	1973	1.500	1.000	240.0	240.0	No	0.000	0.0	Uses same field as does the Main Base WWTP	
300	Ft. Walton Beach WWTP	Ft. Walton Beach	Okaloosa	AI	HI	1980	4.500	3.000	400.0	400.0	No	0.000	0.0		
300	Ft. Walton Beach WWTP	Ft. Walton Beach	Okaloosa	OT	PO	1980	0.000	0.000	0.0	0.0	No	0.000	0.0	As needed	
305	Mary Ester WWTP	Mary Ester	Okaloosa	AI	CI	1983	0.800	0.670	63.0	63.0	No	0.000	0.0		
303	Niceville-Valpariso WWTP	NVOC Regional Sewer	Okaloosa	AI	CI	1980	2.000	1.800	280.0	280.0	No	1990	1.000	0.0	
304	Crestview Industrial Park	Okaloosa Water & Sewer	Okaloosa	PA	BP	1986	0.018	0.018	0.0	0.0	No	0.000	0.0		
307	Garniers WWTP	Okaloosa Water & Sewer	Okaloosa	AI	HI	9999	5.100	3.000	0.0	0.0	No	0.000	0.0		
307	Garniers WWTP	Okaloosa Water & Sewer	Okaloosa	OT	PO	1982	0.000	0.000	0.0	0.0	No	0.000	0.0	Washdown system	
320	Okeechobee WWTP	Okeechobee	Okeechobee	AI	CI	1985	0.600	0.300	300.0	300.0	No	0.000	0.0		
332	Apopka WWTP	Apopka	Orange	PA	CC		0.000	0.000	0.0	0.0	No	1990	2.000	0.0 Future - Project ARROW	
332	Apopka WWTP	Apopka	Orange	AI	H	1972	2.000	1.000	120.0	100.0	No	0.000	0.0		
332	Apopka WWTP	Apopka	Orange	AI	WN		0.000	0.000	0.0	0.0	No	1990	0.000	0.0 Future - to be used as needed	
332	Apopka WWTP	Apopka	Orange	AI	CC		0.000	0.000	0.0	0.0	No	1990	2.000	0.0 Future - to be used as needed	
335	Ocoee WWTP #2	Ocoee	Orange	GR	RR	1982	1.000	0.350	0.0	0.0	No	0.000	0.0	2 cells	
857	Cypress Walk WWTP	Orange Co. Public Util.	Orange	PA	CC	9999	0.690	0.690	0.0	0.0	No	0.000	0.0		
856	Easterly Subregional WWTP	Orange Co. Public Util.	Orange	CI	CW	9999	3.700	4.000	0.0	0.0	No	9999	4.300	0.0	
855	Kelly Park WWTP	Orange Co. Public Util.	Orange	AI	G	9999	0.030	0.030	3.0	3.0	No	0.000	0.0		
854	Meadow Woods WWTP	Orange Co. Public Util.	Orange	GR	RR	9999	0.160	0.100	23.1	23.1	No	0.000	0.0		

APPENDIX C
REUSE ACTIVITIES
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Area Under Drain	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments
854	Meadow Woods WWTP	Orange Co. Public Util.	Orange	PA	CC	9999	0.440	0.100	0.0	0.0	No		0.000	0.0	
854	Meadow Woods WWTP	Orange Co. Public Util.	Orange	AI	G	9999	0.192	0.100	75.0	75.0	No		0.000	0.0	
851	Northwest Service Area	Orange Co. Public Util.	Orange	GR	RR	1989	3.000	0.200	700.0	700.0	No	9999	0.200	0.0	
852	South Central Serv. Area	Orange Co. Public Util.	Orange	GR	RR	1989	0.750	0.000	49.0	49.0	No		0.000	0.0	
852	South Central Serv. Area	Orange Co. Public Util.	Orange	PA	CC	1989	0.700	0.000	150.0	150.0	No		0.000	0.0	
850	Southeastern (Lake Nona)	Orange Co. Public Util.	Orange	PA	CC	1988	0.165	0.020	0.0	0.0	No		0.000	0.0	
331	CONSERV. II WWTP	Orlando	Orange	OT	PO	1986	3.000	1.500	0.0	0.0	No		0.000	0.0	
331	CONSERV. II WWTP	Orlando	Orange	PA	CC	1988	3.000	1.200	0.0	0.0	No		0.000	0.0	
331	CONSERV. II WWTP	Orlando	Orange	OT	TF	1986	0.000	0.000	0.0	0.0	No		0.000	0.0	At WWTP site
330	Iron Bridge WWTP	Orlando	Orange	EN	WL	1988	20.000	13.000	1640.0	1640.0	No		0.000	0.0	Man-made, Multi-use wetlands
330	Iron Bridge WWTP	Orlando	Orange	OT	PO	1988	0.000	0.000	0.0	0.0	No		0.000	0.0	
848	Water Conserv I	Orlando	Orange	PA	AP	1989	1.500	0.000	0.0	0.0	No		0.000	0.0	
848	Water Conserv I	Orlando	Orange	FP	HY	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
848	Water Conserv I	Orlando	Orange	GR	RR	1987	7.500	4.200	30.0	30.0	No		0.000	0.0	
848	Water Conserv I	Orlando	Orange	AI	G	1987	0.200	0.200	60.0	60.0	No		0.000	0.0	
848	Water Conserv I	Orlando	Orange	OT	PO	1987	0.005	0.005	0.0	0.0	No		0.000	0.0	
336	CONSERV. II	Orlando/Orange County	Orange	GR	RR	1986	44.000	8.000	138.0	138.0	No		0.000	0.0	66 basins - handles excess flows
336	CONSERV. II	Orlando/Orange County	Orange	AI	CC	1986	44.000	17.000	15000.0	7000.0	No		0.000	0.0	54 turnouts for citrus groves
336	CONSERV. II	Orlando/Orange County	Orange	AI	WN	1986	0.000	0.000	10.0	10.0	No		0.000	0.0	Fernary - flows included with citrus irrigation
334	Univ of Central Florida	U.C.F. Utilities	Orange	PA	PA		0.000	0.000	0.0	0.0	No	1993	0.000	0.0	Future
334	Univ of Central Florida	U.C.F. Utilities	Orange	PA	AF	1985	0.500	0.500	100.0	100.0	No		0.000	0.0	
334	Univ of Central Florida	U.C.F. Utilities	Orange	PA	SC		0.000	0.000	0.0	0.0	No	1993	0.000	0.0	Future
333	Winter Park Estates	Winter Park	Orange	PA	CC	1987	0.190	0.190	250.0	250.0	No	9999	0.250	0.0	
333	Winter Park Estates	Winter Park	Orange	PA	CM	1989	0.125	0.100	0.0	0.0	No		0.000	0.0	
333	Winter Park Estates	Winter Park	Orange	PA	PA	1985	0.125	0.125	0.0	0.0	No		0.000	0.0	
333	Winter Park Estates	Winter Park	Orange	PA	RI		0.000	0.000	0.0	0.0	No	9999	0.050	0.0	Future

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Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Plan'd Under Drain	Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acre)	Comments
353	Camelot WWTP	Kissimmee	Osceola	AI	C	1988	3.000	2.100	0.0	0.0	No		0.000	0.0	
351	South Bermuda WWTP	Kissimmee	Osceola	GR	RR	1988	12.000	1.200	0.0	0.0	No		0.000	0.0	
351	South Bermuda WWTP	Kissimmee	Osceola	CI	CW	1986	1.200	1.200	0.0	0.0	No		0.000	0.0	Use as needed
351	South Bermuda WWTP	Kissimmee	Osceola	PA	CC	1989	1.200	1.200	0.0	0.0	No		0.000	0.0	
354	Buenaventura West WWTP	Orange/Osceola Utilities	Osceola	GR	RR		0.000	0.000	0.0	0.0	No	1989	1.300	0.0	Future
354	Buenaventura West WWTP	Orange/Osceola Utilities	Osceola	PA	CC	1987	0.000	0.000	0.0	0.0	No		0.000	0.0	
354	Buenaventura West WWTP	Orange/Osceola Utilities	Osceola	AI	SF	1987	0.000	0.000	0.0	0.0	No	1989	0.000	0.0	
354	Buenaventura West WWTP	Orange/Osceola Utilities	Osceola	OT	PO	1987	0.000	0.000	0.0	0.0	No		0.000	0.0	As needed
356	Poincianna STP #2	Poincianna Utilities	Osceola	AI	SF	1987	0.500	0.350	300.0	300.0	No		0.000	0.0	
355	Reedy Creek Improv. Dist.	Reedy Creek Energy Svcs.	Osceola	OT	PO	1977	0.120	0.120	0.0	0.0	No		0.000	0.0	
355	Reedy Creek Improv. Dist.	Reedy Creek Energy Svcs.	Osceola	AI	T	9999	0.142	0.142	0.0	0.0	No		0.000	0.0	Holding pond on site of tree farm
355	Reedy Creek Improv. Dist.	Reedy Creek Energy Svcs.	Osceola	GR	RR	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	
350	St. Cloud WWTP	St. Cloud	Osceola	AI	C	1988	1.200	1.100	440.0	385.0	Yes	1990	1.800	0.0	
350	St. Cloud WWTP	St. Cloud	Osceola	PA	HW		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
350	St. Cloud WWTP	St. Cloud	Osceola	PA	PA		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
970	Boca Raton WWTP	Boca Raton	Palm Beach	OT	PO	1989	1.500	1.500	0.0	0.0	No		0.000	0.0	
970	Boca Raton WWTP	Boca Raton	Palm Beach	PA	HW		0.000	0.000	0.0	0.0	No	9999	1.500	0.0	Developing reuse master plan
370	Loxahatchee River E.C.D.	Loxahatchee River E.C.D.	Palm Beach	PA	GC	1983	6.000	3.200	0.0	0.0	No		0.000	0.0	Irrigate 7 golf courses
371	Seacoast Util. PCA WWTP	Seacoast Utilities	Palm Beach	PA	GC	9999	1.800	1.800	570.0	570.0	No		0.000	0.0	
377	Deer Park WWTP	Pasco Co. Public Works	Pasco	PA	GC	1988	1.200	0.800	0.0	0.0	No		0.000	0.0	
377	Deer Park WWTP	Pasco Co. Public Works	Pasco	AI	C	1988	0.005	0.005	0.0	0.0	No		0.000	0.0	Irrigate plant grounds
377	Deer Park WWTP	Pasco Co. Public Works	Pasco	OT	PO	1988	0.075	0.075	0.0	0.0	No		0.000	0.0	Washdown
380	Embassy Hills Subregional	Pasco Co. Public Works	Pasco	GR	RR	1990	3.500	0.000	0.0	0.0	No		0.000	0.0	Rotate with golf course system
380	Embassy Hills Subregional	Pasco Co. Public Works	Pasco	CI	CW	1990	0.100	0.100	0.0	0.0	No		0.000	0.0	
380	Embassy Hills Subregional	Pasco Co. Public Works	Pasco	PA	CC	1990	3.000	3.000	0.0	0.0	No		0.000	0.0	Rotate with rapid-rate system
376	Hudson Subregional WWTP	Pasco Co. Public Works	Pasco	GR	RR		0.000	0.000	0.0	0.0	No	1990	3.200	0.0	Future

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Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Plan'd Under Drain	Planned Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments
376	Hudson Subregional WWTP	Pasco Co. Public Works	Pasco	OT	PO		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
379	Saddlebrook WWTP	Pasco Co. Public Works	Pasco	PA	GC	1975	0.265	0.188	0.0	0.0	No		0.000	0.0	
379	Saddlebrook WWTP	Pasco Co. Public Works	Pasco	OT	PO	1975	0.005	0.005	0.0	0.0	No		0.000	0.0	Washdown
379	Saddlebrook WWTP	Pasco Co. Public Works	Pasco	AI	CC		0.000	0.000	0.0	0.0	No	1989	0.000	0.0	Future
390	Zephyrhills	Zephyrhills	Pasco	GR	RR	1968	2.250	0.850	0.0	0.0	No		0.000	0.0	
390	Zephyrhills	Zephyrhills	Pasco	OT	PO	1989	0.000	0.000	0.0	0.0	No		0.000	0.0	
402	Belleair WWTP	Belleair	Pinellas	PA	GC	1972	0.900	0.710	0.0	0.0	No		0.000	0.0	
403	Clearwater Northeast WWTP	Clearwater	Pinellas	PA	SF	1984	0.100	0.100	10.0	10.0	No		0.000	0.0	
403	Clearwater Northeast WWTP	Clearwater	Pinellas	PA	GC	1984	2.500	1.000	0.0	0.0	No		0.000	0.0	
403	Clearwater Northeast WWTP	Clearwater	Pinellas	OT	PO	1984	0.000	0.000	0.0	0.0	No		0.000	0.0	
400	Largo WWTP	Largo	Pinellas	PA	GC	1979	2.500	2.000	0.0	0.0	No		0.000	0.0	
400	Largo WWTP	Largo	Pinellas	CI	CW	1983	1.000	1.000	0.0	0.0	No	1990	1.300	0.0	
400	Largo WWTP	Largo	Pinellas	PA	BP	1987	0.300	0.300	0.0	0.0	No	1990	0.600	0.0	
400	Largo WWTP	Largo	Pinellas	CI	CO	1988	0.050	0.035	0.0	0.0	No		0.000	0.0	
400	Largo WWTP	Largo	Pinellas	PA	CV	1987	0.030	0.030	0.0	0.0	No		0.000	0.0	
400	Largo WWTP	Largo	Pinellas	PA	HO		0.000	0.000	0.0	0.0	No	1989	0.080	0.0	Future
400	Largo WWTP	Largo	Pinellas	PA	FN	1989	0.020	0.020	0.0	0.0	No		0.000	0.0	
400	Largo WWTP	Largo	Pinellas	PA	RS	1988	0.025	0.025	0.0	0.0	No		0.000	0.0	
400	Largo WWTP	Largo	Pinellas	PA	RI	1989	0.050	0.040	0.0	0.0	No		0.000	0.0	
401	Oldsmar WWTP	Oldsmar	Pinellas	AI	C	1988	2.250	0.900	0.0	0.0	No		0.000	0.0	Currently out of service for upgrade & repair
401	Oldsmar WWTP	Oldsmar	Pinellas	GR	AF		0.000	0.000	0.0	0.0	No	1989	0.225	0.0	Future
401	Oldsmar WWTP	Oldsmar	Pinellas	OT	PO	1988	0.200	0.200	0.0	0.0	No		0.000	0.0	
421	Curlew Groves	Pinellas Co. Utilities	Pinellas	GR	RR	1986	0.110	0.092	0.0	0.0	No		0.000	0.0	
418	Cypress Run	Pinellas Co. Utilities	Pinellas	PA	GC	1985	0.080	0.035	54.0	54.0	No		0.000	0.0	
418	Cypress Run	Pinellas Co. Utilities	Pinellas	PA	WT	1985	0.000	0.000	0.0	0.0	No		0.000	0.0	Storage only
417	Eastlake Woodlands	Pinellas Co. Utilities	Pinellas	PA	GC	1980	0.400	0.400	171.0	171.0	No		0.000	0.0	
417	Eastlake Woodlands	Pinellas Co. Utilities	Pinellas	GR	RR	1980	2.700	0.400	0.0	0.0	No		0.000	0.0	Off-line in about 1990
417	Eastlake Woodlands	Pinellas Co. Utilities	Pinellas	PA	WT	1980	5.300	5.300	0.0	0.0	No		0.000	0.0	Storage
415	North Pinellas Co. WWTP	Pinellas Co. Utilities	Pinellas	PA	WT	1975	0.000	0.000	0.0	0.0	No		0.000	0.0	Storage only

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Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Under Drain	Plan'd Expan. Data	Planned Increase (mgd)	Plan'd Incr. (Acre)	Comments
415	North Pinellas Co. WWTP	Pinellas Co. Utilities	Pinellas	PA	CC	1975	3.930	3.900	0.0	0.0	No		0.000	0.0	
415	North Pinellas Co. WWTP	Pinellas Co. Utilities	Pinellas	PA	RI		0.000	0.000	0.0	0.0	No	9999	0.000	0.0	Future
415	North Pinellas Co. WWTP	Pinellas Co. Utilities	Pinellas	OT	PO	1975	0.000	0.000	0.0	0.0	No		0.000	0.0	
416	Pine Ridge WWTP	Pinellas Co. Utilities	Pinellas	GR	RR	1985	0.120	0.098	1.0	1.0	No		0.000	0.0	
419	Tarpon Lake Village	Pinellas Co. Utilities	Pinellas	PA	RI	1979	0.000	0.000	25.0	25.0	No		0.000	0.0	
419	Tarpon Lake Village	Pinellas Co. Utilities	Pinellas	AI	C	1979	0.000	0.000	10.0	10.0	No		0.000	0.0	
419	Tarpon Lake Village	Pinellas Co. Utilities	Pinellas	PA	CC	1979	0.800	0.168	92.0	92.0	No		0.000	0.0	
420	Tarpon Woods	Pinellas Co. Utilities	Pinellas	PA	CC	1979	0.250	0.199	90.0	90.0	No		0.000	0.0	
420	Tarpon Woods	Pinellas Co. Utilities	Pinellas	PA	WT	1979	0.000	0.000	0.0	0.0	No		0.000	0.0	Storage only
414	Dual Distribution System	St. Petersburg	Pinellas	PA	RI	1977	64.000	20.000	1459.0	1459.0	No		0.000	0.0	Total system flow - 6214 residential customers
414	Dual Distribution System	St. Petersburg	Pinellas	FP	HY	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	Fire protection using hydrants
414	Dual Distribution System	St. Petersburg	Pinellas	PA	CC	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	Irrigate 6 golf courses
414	Dual Distribution System	St. Petersburg	Pinellas	PA	PA	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	Irrigate 51 parks
414	Dual Distribution System	St. Petersburg	Pinellas	PA	SC	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	Irrigate 39 schools
414	Dual Distribution System	St. Petersburg	Pinellas	PA	AP	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	
414	Dual Distribution System	St. Petersburg	Pinellas	PA	RN	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	
414	Dual Distribution System	St. Petersburg	Pinellas	PA	CV	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	
414	Dual Distribution System	St. Petersburg	Pinellas	PA	SF	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	
414	Dual Distribution System	St. Petersburg	Pinellas	PA	ST	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	
414	Dual Distribution System	St. Petersburg	Pinellas	PA	BP	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	
414	Dual Distribution System	St. Petersburg	Pinellas	CI	CW	1977	0.000	0.000	0.0	0.0	No		0.000	0.0	At resource recovery plant
414	Dual Distribution System	St. Petersburg	Pinellas	CI	CO	1977	0.000	0.000	3851.0	3851.0	No		0.000	0.0	144 commercial customers
450	Auburndale WWTP	Auburndale	Polk	OT	PO	1983	0.005	0.005	0.0	0.0	No		0.000	0.0	
450	Auburndale WWTP	Auburndale	Polk	GR	RR		0.000	0.000	0.0	0.0	No	9999	1.400	0.0	Future
450	Auburndale WWTP	Auburndale	Polk	AI	CC	1983	0.750	0.600	120.0	120.0	No		0.000	0.0	
454	Bartow Main WWTP	Bartow	Polk	CI	CW	1985	2.750	2.100	0.0	0.0	No		0.000	0.0	
456	Fort Meade WWTP	Fort Meade	Polk	CI	PW	1982	1.000	0.500	0.0	0.0	No		0.000	0.0	

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Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub- Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Plan'd Area Under Drain	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments
456	Fort Meade WWTP	Fort Meade	Polk	OT	PO	1982	0.100	0.100	0.0	0.0	No		0.000	0.0	Plant operations and grounds irrigation
453	Haines City WWTP	Haines City	Polk	AI	HI	1988	1.460	0.800	320.0	320.0	No		0.000	0.0	
453	Haines City WWTP	Haines City	Polk	OT	PO	1988	0.001	0.001	0.0	0.0	No		0.000	0.0	As needed
453	Haines City WWTP	Haines City	Polk	GR	RR	1988	1.460	0.000	15.0	15.0	No		0.000	0.0	
452	Glendale WWTP	Lakeland	Polk	EN	WL	1987	14.000	9.300	1600.0	1600.0	No		0.000	0.0	
452	Glendale WWTP	Lakeland	Polk	OT	PO	1981	1.000	1.000	0.0	0.0	No		0.000	0.0	
452	Glendale WWTP	Lakeland	Polk	CI	CW	1981	6.000	3.000	0.0	0.0	No		0.000	0.0	
451	Northside WWTP	Lakeland	Polk	OT	PO	1988	0.500	0.500	0.0	0.0	No		0.000	0.0	
451	Northside WWTP	Lakeland	Polk	CI	CW	1988	0.000	0.000	0.0	0.0	No		0.000	0.0	
451	Northside WWTP	Lakeland	Polk	EN	WL	1988	4.000	1.500	0.0	0.0	No		0.000	0.0	
455	Winter Haven #3	Winter Haven	Polk	PA	CM		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
455	Winter Haven #3	Winter Haven	Polk	PA	BP		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
455	Winter Haven #3	Winter Haven	Polk	AI	CC		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
455	Winter Haven #3	Winter Haven	Polk	AI	HI	1977	5.000	3.000	1600.0	800.0	No		0.000	0.0	
455	Winter Haven #3	Winter Haven	Polk	PA	CC		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
830	Jan's Modular Estates	Jan's Modular Estates	Putnam	AI	C	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
815	Melrose Elementry	Melrose Elementry	Putnam	AI	C	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
967	DOT Rest Area I-10	Dept. of Transportation	Santa Rosa	GR	RR	9999	0.002	0.002	0.0	0.0	No		0.000	0.0	2 cells
470	Santa Rosa WWTP	Santa Rosa/Navarre Beach	Santa Rosa	OT	PO	1984	0.125	0.125	0.0	0.0	No		0.000	0.0	
485	Central County Utilities	Central County Utilities	Sarasota	PA	HW		0.000	0.000	0.0	0.0	No	1990	4.000	0.0	Future
485	Central County Utilities	Central County Utilities	Sarasota	OT	PO	1985	0.036	0.036	0.0	0.0	No		0.000	0.0	
485	Central County Utilities	Central County Utilities	Sarasota	PA	PA	1989	4.000	0.024	100.0	24.0	No		0.000	0.0	
485	Central County Utilities	Central County Utilities	Sarasota	PA	CC	1989	1.000	0.300	225.0	210.0	No		0.000	0.0	
485	Central County Utilities	Central County Utilities	Sarasota	AI	BC	1985	0.400	0.000	114.0	0.0	No		0.000	0.0	Back up only
484	South Gate	Florida Cities Water Co.	Sarasota	PA	CC	1988	0.500	0.400	0.0	0.0	No		0.000	0.0	
482	Northport	General Devlp. Util. Inc.	Sarasota	PA	CC	1987	0.600	0.300	0.0	0.0	No		0.000	0.0	Irrigate Northport C.C.
482	Northport	General Devlp. Util. Inc.	Sarasota	OT	PO	1987	0.000	0.000	0.0	0.0	No		0.000	0.0	As needed
483	Sarasota WWTP	Sarasota Water Utilities	Sarasota	AI	SF		0.000	0.000	0.0	0.0	No	1990	0.000	0.0	Future
483	Sarasota WWTP	Sarasota Water Utilities	Sarasota	AI	BC		0.000	0.000	0.0	0.0	No	1990	0.000	5200.0	Future

APPENDIX C
REUSE ACTIVITIES
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area Under Drain (Acres)	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments
483	Sarasota WWTP	Sarasota Water Utilities	Sarasota	CI	CW	1989	0.360	0.360	0.0	0.0	No	0.000	0.0	
483	Sarasota WWTP	Sarasota Water Utilities	Sarasota	PA	CC	1988	0.500	0.200	265.0	145.0	No	0.000	0.0	
483	Sarasota WWTP	Sarasota Water Utilities	Sarasota	AI	CC		0.000	0.000	0.0	0.0	No	1990	0.000	400.0 Future
483	Sarasota WWTP	Sarasota Water Utilities	Sarasota	OT	PO	1988	0.100	0.100	0.0	0.0	No	0.000	0.0	
481	Venice Island WWTP	Venice	Sarasota	PA	AP	1984	0.000	0.000	0.0	0.0	Yes	0.000	0.0	
481	Venice Island WWTP	Venice	Sarasota	PA	CC	1984	0.000	0.000	0.0	0.0	Yes	0.000	0.0	
481	Venice Island WWTP	Venice	Sarasota	AI	H	1984	2.800	1.400	400.0	400.0	Yes	0.000	0.0	
480	Venice Garden #1 WWTP	Venice Garden Utilities	Sarasota	AI	C	1974	0.000	0.000	0.0	0.0	No	0.000	0.0	
480	Venice Garden #1 WWTP	Venice Garden Utilities	Sarasota	PA	CC	1974	0.500	0.500	15.0	15.0	No	0.000	0.0	
480	Venice Garden #1 WWTP	Venice Garden Utilities	Sarasota	OT	PO	1974	0.001	0.001	0.0	0.0	No	0.000	0.0	As needed
490	Alafaya WWTP	Alafaya Utilities Inc.	Seminole	CR	RR	9999	0.000	0.000	0.0	0.0	No	0.000	0.0	10-cell system
490	Alafaya WWTP	Alafaya Utilities Inc.	Seminole	PA	CC	9999	0.000	0.000	0.0	0.0	No	0.000	0.0	
492	Altamonte Springs WWTP	Altamonte Springs	Seminole	PA	RI	1989	10.000	6.500	0.0	0.0	No	0.000	0.0	Project APRICOT
492	Altamonte Springs WWTP	Altamonte Springs	Seminole	OT	PO	1987	0.005	0.005	0.0	0.0	No	0.000	0.0	
492	Altamonte Springs WWTP	Altamonte Springs	Seminole	AI	C	1989	0.000	0.000	0.0	0.0	No	0.000	0.0	
493	Casselberry WWTP	Casselberry	Seminole	CR	RR	1988	0.000	0.000	17.0	17.0	No	0.000	0.0	Excess flows only
493	Casselberry WWTP	Casselberry	Seminole	OT	PO	1988	0.005	0.005	0.0	0.0	No	0.000	0.0	
493	Casselberry WWTP	Casselberry	Seminole	PA	CC	1988	0.350	0.350	0.0	0.0	No	0.000	0.0	
972	Sanford WWTP	Sanford	Seminole	PA	RI		0.000	0.000	0.0	0.0	No	1990	0.000	0.0 Future
972	Sanford WWTP	Sanford	Seminole	AI	CC		0.000	0.000	0.0	0.0	No	1990	0.000	0.0 Future
972	Sanford WWTP	Sanford	Seminole	AI	C		0.000	0.000	0.0	0.0	No	1990	0.000	0.0 Future
972	Sanford WWTP	Sanford	Seminole	CI	CO		0.000	0.000	0.0	0.0	No	1990	0.000	0.0 Future
494	Tusawilla Subdivision	Seminole Utilities Co.	Seminole	PA	CC	1978	0.934	0.770	155.0	155.0	No	0.000	0.0	
494	Tusawilla Subdivision	Seminole Utilities Co.	Seminole	CR	RR	1987	0.324	0.000	30.0	30.0	No	0.000	0.0	Excess flows only
494	Tusawilla Subdivision	Seminole Utilities Co.	Seminole	AI	W	1987	0.458	0.000	68.0	68.0	No	0.000	0.0	Excess flows only
494	Tusawilla Subdivision	Seminole Utilities Co.	Seminole	PA	PA	1987	0.154	0.030	28.0	28.0	No	0.000	0.0	
491	Winter Springs WWTP	Winter Springs	Seminole	CR	RR	1986	0.700	0.650	0.0	0.0	No	0.000	0.0	
491	Winter Springs WWTP	Winter Springs	Seminole	PA	CC	1980	0.450	0.350	0.0	0.0	No	0.000	0.0	
491	Winter Springs WWTP	Winter Springs	Seminole	AI	W	1980	0.200	0.200	40.0	10.0	No	0.000	0.0	
601	Anastasia Sewer District	Anastasia Sewer District	St. Johns	PA	CC		0.000	0.000	0.0	0.0	No	1990	1.000	0.0 Future

APPENDIX C
REUSE ACTIVITIES
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub-Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area Under Drain (Acres)	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments	
814	Dairy Queen of Marineland	Dairy Queen of Marineland	St. Johns	PA	RI	1979	0.008	0.008	0.3	0.3	No	0.000	0.0		
807	DOT Rest Area I-95 (NBL)	Dept. of Trans. Maint.	St. Johns	AI	G	9999	0.000	0.000	0.0	0.0	No	0.000	0.0		
806	DOT Rest Area I-95 (SBL)	Dept. of Trans. Maint.	St. Johns	AI	G	9999	0.000	0.000	0.0	0.0	No	0.000	0.0		
811	Sawgrass WWT	Jax Utilities Mangmnt.	St. Johns	PA	CC	9999	0.000	0.000	0.0	0.0	No	0.000	0.0		
812	St. Augustine Shores	St. Augustine Shores Util	St. Johns	PA	CC	9999	0.220	0.220	0.0	0.0	No	0.000	0.0		
604	Inlet Beach	St. Johns Service Company	St. Johns	PA	CC	1977	0.500	0.250	100.0	100.0	No	0.000	0.0	Irrigate Oak Bridge C.C.	
603	Marsh Landing	St. Johns Service Company	St. Johns	PA	CC	1985	0.500	0.310	110.0	110.0	No	1991	0.700	0.0	
603	Marsh Landing	St. Johns Service Company	St. Johns	GR	RR		0.000	0.000	0.0	0.0	No	9999	0.100	0.0	Future
605	Players Club	St. Johns Service Company	St. Johns	PA	CC	1987	0.500	0.200	110.0	110.0	No	1992	0.750	0.0	Irrigate Players Club C.C.
819	St. Johns Forest	Sunray Utilities Inc.	St. Johns	PA	CC		0.000	0.000	0.0	0.0	No	9999	0.000	0.0	Future
620	North Hutchinson Island	Common Wealth	St. Lucie	PA	RI		0.000	0.000	0.0	0.0	No	1991	0.000	0.0	Future
623	Harbour Ridge	Harbour Ridge	St. Lucie	GR	RR	1990	0.000	0.000	0.0	0.0	No		0.000	0.0	Rapid-rate system used in conjunction with golf course irrigation
623	Harbour Ridge	Harbour Ridge	St. Lucie	PA	CC	1990	0.240	0.240	0.0	0.0	No		0.000	0.0	Irrigate a 36-hole golf course
821	Island Dunes WWT	Island Dunes Utilities	St. Lucie	PA	CC	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
621	Spanish Lakes Fairways	Spanish Lakes Fairways	St. Lucie	GR	RR	1988	0.250	0.020	0.0	0.0	No		0.000	0.0	
621	Spanish Lakes Fairways	Spanish Lakes Fairways	St. Lucie	PA	CC		0.000	0.000	0.0	0.0	No	9999	0.000	0.0	Future
622	St. Lucie West	St. Lucie West Utilities	St. Lucie	PA	CC	1988	0.500	0.500	250.0	250.0	No		0.000	0.0	
622	St. Lucie West	St. Lucie West Utilities	St. Lucie	PA	RI	1988	0.050	0.050	4000.0	100.0	No		0.000	0.0	
501	Branford WWT	Branford	Suwannee	AI	HI	1976	0.200	0.055	10.0	10.0	No		0.000	0.0	
839	Jennings WWT	Jennings	Suwannee	AI	C	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
500	Live Oak WWT	Live Oak	Suwannee	AI	C	1987	1.250	0.675	185.0	140.0	No		0.000	0.0	
820	Occidental Chemical Co.	Occidental Chemical Co.	Suwannee	CI	PW	1980	0.065	0.033	0.0	0.0	No		0.000	0.0	Uses reclaimed water from WWTs #1,2,3,5,6
816	Spirit of the Suwannee	Spirit of the Suwannee	Suwannee	AI	C	1978	0.010	0.004	5.0	5.0	No		0.000	0.0	
805	DOT Rest Area U.S. 19	Dept. of Trans. Maint.	Taylor	AI	C	9999	0.000	0.000	0.0	0.0	No		0.000	0.0	
512	Daytona Beach Regional	Daytona Beach	Volusia	PA	CC	1982	1.200	0.700	0.0	0.0	No		0.000	0.0	

APPENDIX C
REUSE ACTIVITIES
1990 REUSE INVENTORY

Plant Number	Treatment Plant Name	System Name	County	Reuse Type	Sub- Type	Start Date	Design Flow (mgd)	Existing Flow (mgd)	Design Area (Acres)	Exist. Area (Acres)	Area Under Drain	Plan'd Expan. Date	Planned Increase (mgd)	Plan'd Incr. (Acres)	Comments
510	Deland Regional WTP	Deland	Volusia	OT	PO	1979	0.000	0.000	0.0	0.0	No		0.000	0.0	As needed
511	Port Orange WTP	Port Orange	Volusia	PA	PA	1987	0.150	0.150	0.0	0.0	No		0.000	0.0	
860	Agricultural Center	Volusia Co. Env. Mngmt.	Volusia	AI	W	9999	0.010	0.010	0.0	0.0	No		0.000	0.0	
520	South Walton WTP	South Walton Utility Co.	Walton	CR	RR	1985	2.500	0.600	12.0	12.0	No		0.000	0.0	
***	Total	***					585.917	323.680	56184.4	39593.4			89.010	8656.0	

Appendix D

**Codes and Abbreviations Used in
the Database and Appendices**

Use it Again, Florida!

APPENDIX D.
CODES AND ABBREVIATIONS USED IN
THE DATABASE AND IN THE APPENDICES

I. SECONDARY TREATMENT TECHNOLOGIES USED

AO Anoxic/Oxic Treatment (including Bardenpho)
AS Activated Sludge
CS Contact Stabilization
EA Extended Aeration
OD Oxidation Ditch
RB Rotating Biological Contractors
TF Trickling Filter

II. ADDITIONAL TREATMENT PROVIDED (BEYOND SECONDARY)

AD Adsorption
AM Ammonia Stripping
AP Alum Precipitation
AS Air Stripping
AT Advanced Wastewater Treatment
BC Breakpoint Chlorination
DN Denitrification
FN Filtration
IE Ion Exchange
IP Iron Precipitation
LP Lime Precipitation
MS Metal Salt Addition
ND Nitrification-Denitrification
OZ Ozone
PR Precipitation

III. DISINFECTION LEVEL

LL Low-Level
BA Basic
IM Intermediate
HI High-Level

IV. DISINFECTANT USED

CL Chlorine
OZ Ozone
UV Ultraviolet

V. INDUSTRIAL PRETREATMENT PROGRAM

DE Being Developed; EPA Approval Required
EA Have an EPA Approved Program
ND Being Developed; EPA Approval is Not Required
NE Have a Program In-Place, EPA approval Was Not Required
No None

VI. STORAGE SYSTEM (BEFORE DISTRIBUTION)

GC Golf Course Lake
LL Lined Lagoon/Pond
TC Covered Tank
TU Uncovered Tank
UL Unlined Lagoon/Pond
No None

VII. ALTERNATIVE DISCHARGE SYSTEMS

DI Deepwell Injection
RR Rapid-Rate System (RIB)
SH Shift Among Reuse Systems
SW Surface Water Discharge
WL Wetlands
No None

VIII. ADDITIONAL TESTING OF RECLAIMED WATER

HM Heavy Metals
NI Nitrogen
PA Pathogens
PH Phosphorous
PP Priority Pollutants
VI Viruses
VO Volatile Organics
ALL All of the Above
No None of the Above

IX. FREQUENCY OF ADDITIONAL TESTING

AN Annually
BM Bimonthly
BW Biweekly
DA Daily
MO Monthly
QT Quarterly
TA Twice Annually
WK Weekly

X. PROBLEMS ENCOUNTERED IN IMPLEMENTING REUSE

BD Breakdown
CT Contract Negotiations
CU Locating Customers
FD Fluctuating Demand
FO Fluctuating Output
OD Odor
PA Public Acceptance
PM Permitting
ST Storm Waters
TR Difficulty Meeting Treatment Requirements
No No Problems

XI. REUSE TYPE

AI Agricultural Irrigation
CI Commercial/Industrial
EN Environmental Enhancement
FP Fire Protection
GR Ground Water Recharge
PA Irrigation of Public Access Areas
OT Other

XII. REUSE SUB-TYPES

Agricultural Irrigation (AI)

BC Pasture for Beef Cattle
CC Citrus
DC Pasture for Dairy Cattle
SF Sod Farm
WN Wholesale Nurseries

Specific Crops

C Corn
G Grass
H Hay
P Peanuts
R Grain
S Soybeans
T Tree Farm
W Woods/Forests

A specific crop designation may be followed by:

I Indirect Consumption
D Direct Consumption

Commercial/Industrial Uses (CI)

CO Commercial
CW Cooling Water
PW Process Water

Fire Protection (FP)

HY Hydrants
SP Sprinklers

Ground Water Recharge (GR)

AF Adsorption Fields
RR Rapid-Rate Systems (RIBs)
TR Soakage Trenches
WS Salinity Barrier Wells

Irrigation of Public Access Areas (PA)

AF	Athletic Fields
AP	Airports
BP	Business Parks
CM	Cemeteries
FN	Fountains (Decorative)
GC	Golf Course Irrigation
GV	Government Facilities
HO	Hotels
HW	Highway Medians
PA	Parks
PG	Playgrounds
RA	Rest Areas
RI	Residential Lawn Irrigation
RN	Retail Nurseries
RS	Restaurants
SC	Schools
SF	Soccer Fields
ST	Stadiums
WT	Golf Course Ponds (Water Traps)

Other (OT)

CD	Construction Dust Control
PO	Plant Operation
TF	Toilet Flush

XIII. DEFAULTS

The following default values were entered when responses were not provided:

Secondary Treatment - "AS"
Additional Treatment - "No"
Disinfection Level - "BA"
Disinfectant Used - "CL"
Industrial Pretreatment Program - "No"
Storage System - "No"
Storage System volume (mg) - "0.000"
Alternative Discharge - "No"
Alternative Discharge Capacity (mgd) - "0.000"
Additional Testing - "No"
Problems Encountered - "No"
Delays in Implementation (months) - "0"
Unknown Date of Start-Up or Expansion - "9999"
Capacity (mgd) - "0.000"
Areas (acres) - "0.0"
Underdrains - "No"

XIV. START DATE

Existing systems will have an entry in this field. If the actual date is unknown, the date is entered as "9999".

Future systems will not have an entry in this field. An entry will be included for the planned expansion date.

XV. PLANNED EXPANSION DATE

An existing system that is planned to be expanded in the future will have date entries for the original start date and for the planned expansion date. If the planned expansion date is not known, the date is entered as "9999".

Future systems will have a date entered for the planned expansion date but will have a blank entry for the existing system start date.

XVI. EXPANSIONS/FUTURE SYSTEMS

The capacities and areas shown are the incremental capacities and areas above the existing capacities and areas.

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