

138898

CLASS "A"

WATER and/or SEWER UTILITIES

(Gross Revenue of \$750,000 and Over)

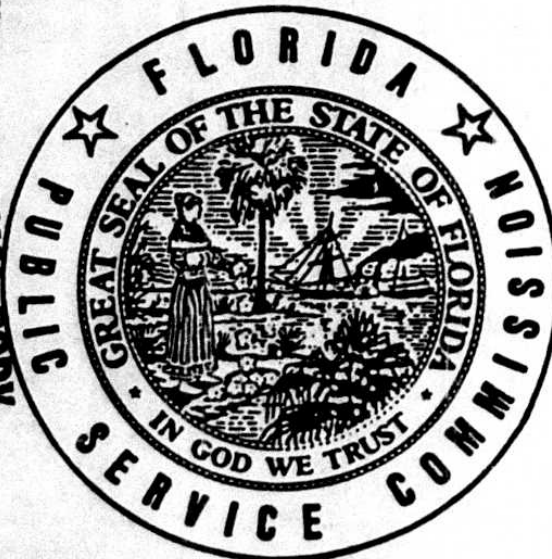
ANNUAL REPORT
OF

WS134 WS 10
KINGSLEY SERVICE COMPANY
1279 KINGSLEY AVENUE, SUITE 120
ORANGE PARK, FL 32073-4657

044-W, 043-S
Certificate Number(s)

Do Not Remove from this Office
WATER AND SEWER

OFFICIAL COPY
DIVISION OF



RECEIVED

MAR 21 1990

Fla. Public Service Commission
Division of Water and Sewer

FOR THE
YEAR ENDED DECEMBER 31, 19 89

General Instructions

1. Prepare this report in conformity with the 1984 National Association of Regulatory Utility Commissioners Uniform System of Accounts for Water and/or Sewer Utilities.
2. Interpret all accounting words and phrases in accordance with the USOA.
3. Complete each question fully and accurately, even if it has been answered in a previous annual report. Enter the word "None" where it truly and completely states the fact.
4. For any question, section, or page which is not applicable to the respondent enter the words "Not Applicable". Do not omit any pages.
5. Where dates are called for, the month and day should be stated as well as the year.
6. All schedules requiring dollar entries should be rounded to the nearest dollar unless otherwise specifically indicated.
7. Complete this report by means which result in a permanent record, such as by typewriter.
8. If there is not enough room on any schedule, an additional page or pages may be added provided the format of the added schedule matches the format of the schedule with not enough room. Such a schedule should reference the appropriate schedules, state the name of the utility, and state the year of the report.
9. If it is necessary or desirable to insert additional statements for the purpose of further explanation of schedules, such statement should be made at the bottom of the page or an additional page inserted. Any additional pages should state the name of the utility, the year of the report, and reference the appropriate schedule.
10. The report should be filled out in quadruplicate and the original and two copies returned by March 31 of the year following the date of the report. The report should be returned to:

Florida Public Service Commission
Division of Water and Sewer
101 East Gaines Street
Tallahassee, Florida 32399-0873

TABLE OF CONTENTS

Schedule	Page	Schedule	Page
Executive Summary			
Certification	E-1	Directors and Affiliates	E-7
General Information	E-2	Affiliation of Officers & Directors	E-8
Directory of Personnel Who Contact The Fla. Public Service Commission	E-3	Businesses Which Are A Byproduct, Coproduct or Joint Product Result of Providing Service	E-9
Company Profile	E-4	Business Transactions With Related Parties - Part I and II	E-10
Parent/Affiliate Organization Chart	E-5	Composite of Statistics	E-11
Compensation of Officers & Directors	E-6		
Business Contracts With Officers,			
Financial Section			
Comparative Balance Sheet - Assets and Other Debits	F-1	Companies	F-13
Comparative Balance Sheet - Equity Capital and Liabilities	F-2	Capital Stock	F-14
Comparative Operating Statement	F-3	Long Term Debt	F-14
Schedule of Year End Rate Base	F-4	Statement of Retained Earnings	F-15
Utility Plant	F-5	Bonds	F-16
Utility Plant Acquisition Adjustments	F-5	Advances from Associated Companies	F-16
Accumulated Depreciation	F-6	Accrued Taxes	F-17
Accumulated Amortization	F-6	Accrued Interest	F-18
Nonutility Property	F-7	Regulatory Commission Expense - Amortization of Rate Case Expense	F-18
Special Deposits	F-7	Misc. Current & Accrued Liabilities	F-19
Investments and Special Funds	F-8	Advances For Construction	F-19
Accounts and Notes Receivable - Net	F-9	Contributions In Aid Of Construction	F-20
Accounts Receivable from Associated Companies	F-10	Additions to CIAC Received from Capacity, Main Extension and Customer Connection Charges	F-21
Notes Receivable from Associated Co.	F-10	Accum. Amortization of C.I.A.C.	F-21
Materials and Supplies	F-11	Additions to CIAC Received from All Developers or Contractors	F-22
Prepayments	F-11	Agreements	F-22
Miscellaneous Deferred Debits	F-11	Reconciliation of Reported Net Income With Taxable Income For	F-23
Unamortized Debt Discount and Expense and Premium on Debt	F-12	Federal Income Taxes	F-23
Extraordinary Property Losses	F-12	AFUDC Calculation	F-24
Notes Payable	F-13	AFUDC Capital Structure Adjustments	F-25
Accounts Payable to Associated			
Water Operation Section			
Water Utility Plant Accounts	W-1	Statistics	W-6
Water Utility Expense Accounts	W-2	Water Treatment Plant, Mains, Services and Meters	W-7
Water Operating Revenue	W-3	Wells and Well Pumps, Reservoirs, and High Service Pumping	W-8
Basis for Water Depreciation Charges	W-4	Other Water System Information	W-9
Analysis of Entries in Water Depreciation Reserve	W-5	Calculation of ERC's	W-10
Pumping and Purchased Water			
Sewer Operation Section			
Sewer Utility Plant Accounts	S-1	Pumping Equipment and Service Connections	S-6
Sewer Utility Expense Accounts	S-2	Collecting and Force Mains	S-7
Sewer Operating Revenue	S-3	Other Sewer System Information	S-8
Basis for Sewer Depreciation Charges	S-4	Calculation of ERC's	S-9
Analysis of Entries in Sewer Depreciation Reserve	S-5		

EXECUTIVE SUMMARY

CERTIFICATION OF ANNUAL REPORT

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT DECEMBER 31, 1989

I HEREBY CERTIFY, to the best of my knowledge and belief:

YES NO

(X) () 1. The utility is in substantial compliance with the Uniform System of Accounts prescribed by the Florida Public Service Commission.

YES NO

(X) () 2. The utility is in substantial compliance with all applicable rules and orders of the Florida Public Service Commission.

YES NO

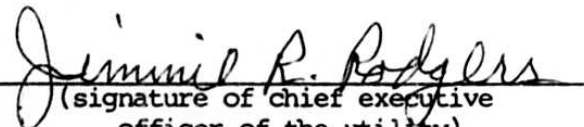
(X) () 3. There have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices that could have a material effect on the financial statement of the utility.

YES NO

(X) () 4. The annual report fairly represents the financial condition and results of operations of the respondent for the period presented and other information and statements presented in the report as to the business affairs of the respondent are true, correct and complete for the period for which it represents.

Items Certified

1.	2.	3.	4.
(X)	(X)	(X)	(X)


 (signature of chief executive officer of the utility) * President

1.	2.	3.	4.
()	()	()	()

 (signature of chief financial officer of the utility) *

* Each of the four items must be certified YES or NO. Each item need not be certified by both officers. The items being certified by the officer should be indicated in the appropriate area to the left of the signature.

NOTICE: Section 837.06, Florida Statutes, provides that any person who knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his duty shall be guilty of a misdemeanor of the second degree.

ANNUAL REPORT OF

Kingsley Service Company
(Exact Name of Utility)

County: Clay

List below the exact mailing address of the utility for which normal correspondence should be sent:

1279 Kingsley Ave., Suite 120
Orange Park, Florida 32073

Telephone: (904) 264-8381

Name and address of person to whom correspondence concerning this report should be addressed:

Vaughn Mears

Kingsley Service Company

1279 Kingsley Ave., Suite 120

Orange Park, Fla. 32073

Telephone: (904) 264-8381

List below the address of where the utility's books and records are located:

1279 Kingsley Ave., Suite 120
Orange Park, Florida 32073

Telephone: (904) 264-8381

List below any groups auditing or reviewing the records and operations:

Ray O. Avery, Diversified Utility Services, Inc.

Date of original organization of the utility: 11 / 1 / 70

Check the appropriate business entity of the utility as filed with the Internal Revenue Service:

☐ Individual ☐ Partnership ☐ Sub S Corporation ☒ 1120 Corporation

List below every corporation or person owning or holding directly or indirectly 5 percent or more of the voting securities of the utility:

	Name	Percent Ownership
1.	Jimmie R. Rodgers	80 %
2.	Jan L. Rodgers	10 %
3.	Matthew W. Rodgers	5 %
4.	Renee K. Collins	5 %
5.		%
6.		%
7.		%
8.		%
9.		%
10.		%

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

DIRECTORY OF PERSONNEL WHO CONTACT THE FLORIDA PUBLIC SERVICE COMMISSION

NAME OF COMPANY REPRESENTATIVE (1)(2)	TITLE OR POSITION	ORGANIZATIONAL UNIT TITLE (3)	USUAL PURPOSE FOR CONTACT WITH FPSC
Jimmie R. Rodgers	President		General
Matthew W. Rodgers	Vice-President		General
Vaughn Mears	Controller		General
Ray O. Avery 904-276-2301	Consultant	Diversified Utility Services, Inc.	General

- (1) Also list appropriate legal counsel, accountants and others who may not be on general payroll.
- (2) Provide individual telephone numbers if the person is not normally reached at the company.
- (3) Name of company employed by if not on general payroll.

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT DECEMBER 31, 19 <u>89</u>

COMPANY PROFILE

Provide a brief narrative company profile which covers the following areas:

- A. Brief company history.
- B. Public services rendered.
- C. Major goals and objectives.
- D. Major operating divisions and functions.
- E. Current and projected growth patterns.
- F. Major transactions having a material effect on operations.

SEE ATTACHED SHEET E-4A

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

PARENT / AFFILIATE ORGANIZATION CHART
Current as of ___/___/___

Complete below an organizational chart that shows all parents and subsidiaries of the utility. The chart must also show the relationship between the utility and the affiliates listed on E-7, E-10(a) and E-10(b).

Kingsley Service Company is not a parent or a subsidiary.

Rodgers Construction Company is an affiliate of Kingsley Service Company by virtue of the fact that the majority stock ownership of both companies is held by Jimmie R. Rodgers. The remaining stock ownership of the two companies is not identical in owners or ownership percent.

KINGSLEY SERVICE COMPANY

COMPANY PROFILE

The operations of Kingsley Service Company began in 1965 and 1966 with the organization of Clay Utility Company and Kingsley Utility Company. These two organizations acquired several small water and sewer systems and began in the water and sewer business in Clay County at that time.

On November 1, 1970, Clay Utility Company and Kingsley Utility Company merged to form Kingsley Service Company.

During its entire history of operations, Kingsley has experienced steady, consistent growth.

Kingsley primarily operates two systems. One is in the Orange Park area which is served by one regional sewage treatment plant and three regional water treatment plants. This particular system is nearing a built-out condition and we anticipate that this area will be near 100% build-out within the next 5 years.

The other system operated by Kingsley Service Company is a joint system which serves the Fleming Island and Orange Park South areas. These areas are served, at the present time, by one sewage treatment plant and two water plants. This particular area is just beginning to experience rapid growth and all indications are that this area should continuously develop over the next 15 to 20 years. We would expect near 100% build-out within 20 years.

On the Orange Park system, we have completed the first phase of a .625 MGD sewage treatment plant expansion and we expect the balance to be completed during 1990/1991. This expansion will have enough capacities to serve the expected remaining growth of the Orange Park system, and reach a design capacity of 5.25 MGD.

During 1990 the company will also experience substantial investment in upgrading the capacity of two (2) major trunk sewer force mains on company's Orange Park system which convey a large portion of the flow to Kingsley's Miller Street Sewage Treatment Plant.

On the Fleming Island system, the regional sewage treatment plant construction is planned to start in 1990/1991. This plant will serve both the Fleming Island and the Heritage Farms areas for sewage treatment capacity.

In addition, we have acquired and zoned a plant site for the company's second water treatment plant on Fleming Island during 1990, which will be called the Pace Island Water Treatment Plant. We have also installed a back-up well to the Orange Park South Water Treatment Plant.

In general, we would expect the growth of these areas to continue at a steady pace over the coming years.

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

COMPENSATION OF OFFICERS

For each officer, list the time spent on respondent as an officer compared to time spent on total business activities and the compensation received as an officer from the respondent.

NAME (a)	TITLE (b)	% OF TIME SPENT AS OFFICER OF UTILITY (c)	OFFICERS COMPENSATION (d)
Jimmie R. Rodgers	President	65 %	\$ 174,670.
Matthew W. Rodgers	Vice President	100 %	\$ 51,546.
Jan L. Rodgers	Secretary/Treasurer	100 %	\$ 32,457.
		%	\$
		%	\$
		%	\$
		%	\$
		%	\$
		%	\$

COMPENSATION OF DIRECTORS

For each director, list the number of director meetings attended by each director and the compensation received as a director from the respondent.

NAME (a)	TITLE (b)	NUMBER OF DIRECTORS MEETINGS ATTENDED (c)	DIRECTORS COMPENSATION (d)
			\$ NONE
			\$
			\$
			\$
			\$
			\$
			\$
			\$

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

BUSINESS CONTRACTS WITH OFFICERS, DIRECTORS AND AFFILIATES

List all contracts, agreements, or other business arrangements* entered into during the calendar year (other than compensation related to position with Respondents) between the Respondent and officer and director listed on page E-6. In addition, provide the same information with respect to professional services for each firm, partnership, or organization with which the officer or director is affiliated.

NAME OF OFFICER, DIRECTOR OR AFFILIATE (a)	IDENTIFICATION OF SERVICE OR PRODUCT (b)	AMOUNT (c)	NAME AND ADDRESS OF AFFILIATED ENTITY (d)
Jimmie R. Rodgers Jan L. Rodgers	Construction and Repair of the water and sewer system	\$ 1,087,038.	Rodgers Construction Co. 1279 Kingsley Ave., Suite 120 Orange Park, Fla. 32073

*Business Agreement, for this schedule, shall mean any oral or written business deal which binds the concerned parties for products or services during the reporting year or future years. Although the Respondent and/or other companies will benefit from the arrangement, the officer or director is, however, acting on his behalf or for the benefit of other companies or persons.

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

AFFILIATION OF OFFICERS AND DIRECTORS

For each of the officials listed on page E-6, list the principle occupation or business affiliation and all affiliations or connections with any other business or financial organizations, firms, or partnerships. For purposes of this part, an official will be considered to have an affiliation with any business or financial organization, firm or partnership in which he is an officer, director, trustee, partner, or a person exercising similar functions.

NAME (a)	PRINCIPLE OCCUPATION OR BUSINESS AFFILIATION (b)	AFFILIATION OR CONNECTION (c)	NAME AND ADDRESS OF AFFILIATION OR CONNECTION (d)
Jimmie R. Rodgers	Utilities	Officer & Director	Rodgers Construction Co. 1279 Kingsley Ave., Suite 120 Orange Park, Fla. 32073
Jan L. Rodgers	Utilities	Officer & Director	

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

BUSINESS TRANSACTIONS WITH RELATED PARTIES

List each contract, agreement, or other business transaction exceeding a cumulative amount of \$500 in any one year, entered into between the Respondent and a business or financial organization, firm, or partnership named on pages E-2 and E-6 identifying the parties, amounts, dates and product, asset, or service involved.

Part I. Specific Instructions: Services and Products Received or Provided

1. Enter in this part all transactions involving services and products received or provided.
2. Below are some types of transactions to include:
 - management, legal and accounting services
 - computer services
 - engineering & construction services
 - repairing and servicing of equipment
 - material and supplies furnished
 - leasing of structures, land and equipment
 - rental transactions
 - sale, purchase or transfer of various products

NAME OF COMPANY OR RELATED PARTY (a)	DESCRIPTION SERVICE AND/OR NAME OF PRODUCT (b)	CONTRACT OR AGREEMENT EFFECTIVE DATES (c)	ANNUAL CHARGES	
			(P)urchased/ or (S)old (d)	/AMOUNT (e)
Rodgers Construction Company	Construction & repair of water & sewer system	1989	P	\$1,087,038
Rodgers Construction Company	Bookkeeping Fees	1989	S	42,924.95

16

Part II. Specific Instructions: Sale, Purchase and Transfer of Assets

1. Enter in this part all transactions relating to the purchase, sale or transfer of assets.
2. Below are examples of some types of transactions to include:
 - purchase, sale or transfer of equipment
 - purchase, sale or transfer of land and structures
 - purchase, sale or transfer of securities
 - noncash transfers of assets
 - noncash dividends other than stock dividends
 - writeoff of bad debts or loans
3. The columnar instructions follow:
 - (a) Enter name of related party or company.
 - (b) Describe briefly the type of assets purchased, sold or transferred.
 - (c) Enter the total received or paid. Indicate purchase with "P" and sale with "S".
 - (d) Enter the net book value for each item reported.
 - (e) Enter the net profit or loss for each item (column (c) - column (d)).
 - (f) Enter the fair market value for each item reported. In space below or in a supplemental schedule, describe the basis used to calculate fair market value.

NAME OF COMPANY OR RELATED PARTY (a)	DESCRIPTION OF ITEMS (b)	SALE OR PURCHASE PRICE (c)	NET BOOK VALUE (d)	GAIN OR LOSS (e)	FAIR MARKET VALUE (f)
NONE		\$	\$	\$	\$

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

COMPOSITE STATISTICS FOR ALL
PRIVATELY OWNED WATER AND SEWER UTILITIES UNDER AGENCY JURISDICTION

DESCRIPTION (a)	WATER (b)	SEWER (c)
PLANT (Intrastate Only)(000's Omitted):		
Plant in Service	\$ 12,984	\$ 12,746
Construction Work In Progress	40	96
Plant Acquisition Adjustment	40	(58)
Plant Held For Future Use		
Materials and Supplies		
Less:		
Accumulated Depreciation and Accumulated Amortization	2,791	4,172
Contributions In Aid Of Construction	7,587	12,084
Net Book Cost	\$ 2,686	\$ 3,528
REVENUES AND EXPENSES (Intrastate Only)(000's Omitted):		
Operating Revenues	\$ 1,580	\$ 2,202
Depreciation and Amortization Expense	\$ 97	\$ 114
Income Tax Expense	135	161
Taxes Other Than Income	109	131
Other Operating Expenses	1,003	1,520
Total Operating Expenses	\$ 1,344	\$ 1,926
Net Operating Income	\$ 236	\$ 276
Other Income	\$ 259	\$ 260
Other Income Deductions	233	233
Net Income	\$ 262	\$ 303
CUSTOMERS (Intrastate Only):		
Residential - Yearly Average	10,298	10,062
Commercial - Yearly Average	1,038	893
Industrial - Yearly Average		
Others - Yearly Average		
Total	11,336	10,955
OTHER STATISTICS (Intrastate Only):		
Average Annual Residential Use Per 1,000 Gallons	186	127
Average Annual Residential Cost Per 1,000 Gallons	\$.75	\$ 1.58
Average Residential Monthly Bill	\$ 11.62	\$ 16.68
Gross Plant Investment Per Customer	\$ 1,152	\$ 1,806

FINANCIAL SECTION

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 1989

COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	CURRENT YEAR (d)	PREVIOUS YEAR (e)
UTILITY PLANT				
101-106	Utility Plant	F-5	\$ 32,865,924	\$ 30,867,864
108-110	Less: Accumulated Depreciation and Amortization	F-6	6,963,074	6,103,332
	Net Plant		\$ 25,902,850	\$ 24,764,532
114-115	Utility Plant Acquisition Adjustments (Net)	F-5	(18,610)	(18,444)
116	Other Utility Plant Adj.		-0-	-0-
	Total Net Utility Plant		\$ 25,884,240	\$ 24,746,088
OTHER PROPERTY AND INVESTMENTS				
121	Nonutility Property	F-7	\$ 460,000	\$ 460,000
122	Less: Accumulated Depreciation and Amortization		168,297	153,577
	Net Nonutility Property		\$ 291,703	\$ 306,423
123	Investment In Associated Companies	F-8	-0-	-0-
124	Utility Investments	F-8	-0-	-0-
125	Other Investments	F-8	-0-	-0-
126-127	Special Funds	F-8	-0-	-0-
	Total Other Property & Investments		\$ 291,703	\$ 306,423
CURRENT AND ACCRUED ASSETS				
131	Cash		\$ 37,041	\$ 100,628
132	Special Deposits	F-7	-0-	-0-
133	Other Special Deposits	F-7	4,540	3,358
134	Working Funds		1,000	300
135	Temporary Cash Investments		66,118	476,006
141-144	Accounts and Notes Receivable, Less Accumulated Provision for Uncollectible Accounts	F-9	1,214,334	2,145,109
145	Accounts Receivable from Associated Companies	F-10	-0-	-0-
146	Notes Receivable from Associated Companies	F-10	-0-	-0-
151-153	Material and Supplies	F-11	-0-	-0-
161	Stores Expense		-0-	-0-
162	Prepayments	F-11	17,178	21,716
171	Accrued Interest and Dividends Receivable		-0-	-0-
172	Rents Receivable		-0-	-0-
173	Accrued Utility Revenues		-0-	-0-
174	Misc. Current and Accrued Assets		-0-	-0-
	Total Current and Accrued Assets		\$ 1,340,211	\$ 2,747,117

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 19 89

COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	CURRENT YEAR (d)	PREVIOUS YEAR (e)
	DEFERRED DEBITS			
181	Unamortized Debt Discount & Expense	F-12	\$ 223	\$ 290
182	Extraordinary Property Losses	F-12	-0-	-0-
183	Preliminary Survey & Investigation Charges		-0-	-0-
184	Clearing Accounts		-0-	-0-
185	Temporary Facilities		-0-	-0-
186	Misc. Deferred Debits	F-11	54,976	2,088
187	Research & Development Expenditures		-0-	-0-
190	Accumulated Deferred Income Taxes		-0-	-0-
	Total Deferred Debits		\$ 55,199	\$ 9,378
	TOTAL ASSETS AND OTHER DEBITS		\$ 27,571,353	\$ 27,809,006

NOTES TO THE BALANCE SHEET

The space below is provided for important notes regarding the balance sheet.

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 19 89

COMPARATIVE BALANCE SHEET - EQUITY CAPITAL AND LIABILITIES

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	CURRENT YEAR (d)	PREVIOUS YEAR (e)
EQUITY CAPITAL				
201	Common Stock Issued	F-14	\$ 20,000	\$ 20,000
204	Preferred Stock Issued	F-14	-0-	-0-
202,205	Capital Stock Subscribed		-0-	-0-
203,206	Capital Stock Liability for Conversion		-0-	-0-
207	Premium on Capital Stock		-0-	-0-
209	Reduction in Par or Stated Value of Capital Stock		-0-	-0-
210	Gain on Resale or Cancellation of Reacquired Capital Stock		-0-	-0-
211	Other Paid-In Capital		465,475	465,475
212	Discount on Capital Stock		-0-	-0-
213	Capital Stock Expense		-0-	-0-
214-215	Retained Earnings	F-15	5,255,528	4,690,913
216	Reacquired Capital Stock		-0-	-0-
218	Proprietary Capital (Proprietorship and Partnership Only)			
	Total Equity Capital		\$ 5,741,003	\$ 5,176,388
LONG TERM DEBT				
221	Bonds	F-16	\$ -0-	\$ -0-
222	Reacquired Bonds		-0-	-0-
223	Advances from Associated Companies	F-16	-0-	-0-
224	Other Long Term Debt	F-14	441,173	534,578
	Total Long Term Debt		\$ 441,173	\$ 534,578
CURRENT AND ACCRUED LIABILITIES				
231	Accounts Payable		\$ 105,723	\$ 101,102
232	Notes Payable	F-13	96,050	85,949
233	Accounts Payable to Associated Co.	F-13	83,858	366,344
234	Notes Payable to Associated Co.	F-13	-0-	-0-
235	Customer Deposits		7,020	5,700
236	Accrued Taxes	F-17	149,676	441,069
237	Accrued Interest	F-18	2,737	3,170
238	Accrued Dividends		-0-	-0-
239	Matured Long Term Debt		-0-	-0-
240	Matured Interest		-0-	-0-
241	Miscellaneous Current and Accrued Liabilities	F-19	50,681	27,711
	Total Current and Accrued Liabilities		\$ 495,745	\$ 1,031,045

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 19 89

COMPARATIVE BALANCE SHEET - EQUITY CAPITAL AND LIABILITIES

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	CURRENT YEAR (d)	PREVIOUS YEAR (e)
	DEFERRED CREDITS			
251	Unamortized Premium on Debt	F-12	\$ -0-	\$ -0-
252	Advances for Construction	F-19	149,800	1,275,599
253	Other Deferred Credits		190,335	187,050
255	Accumulated Deferred Investment Tax Credits		94,167	97,972
	Total Deferred Credits		\$ 434,302	\$ 1,560,621
	OPERATING RESERVES			
261	Property Insurance Reserve		\$ -0-	\$ -0-
262	Injuries and Damages Reserve		-0-	-0-
263	Pensions and Benefits Reserve		-0-	20,315
265	Miscellaneous Operating Reserves		-0-	-0-
	Total Operating Reserves		\$ -0-	\$ 20,315
	CONTRIBUTIONS IN AID OF CONSTRUCTION			
271	Contributions In Aid of Construction	F-20	\$ 25,387,642	\$ 23,711,556
272	Accumulated Amortization of Contri- butions In Aid of Construction	F-21	(5,717,062)	(4,931,475)
	Total Net C.I.A.C.		\$ 19,670,580	\$ 18,780,081
	ACCUMULATED DEFERRED INCOME TAXES			
281	Accumulated Deferred Income Taxes - Accelerated Depreciation		\$ 679,892	\$ 592,942
282	Accumulated Deferred Income Taxes - Liberalized Depreciation		-0-	-0-
283	Accumulated Deferred Income Taxes - Other Excess Deferred Income Taxes		108,658	113,036
	Total Accum. Deferred Income Taxes		\$ 788,550	\$ 705,978
	TOTAL EQUITY CAPITAL AND LIABILITIES		\$ 27,571,353	\$ 27,809,006

F-2(b)

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

COMPARATIVE OPERATING STATEMENT

ACCT. NO. (a)	ACCOUNT NAME (b)	PREVIOUS YEAR (c)	REF. PAGE (d)	CURRENT YEAR (e)
	UTILITY OPERATING INCOME			
400	Operating Revenues -----	\$ 3,711,201	F-3(b)	\$ 3,772,560
401	Operating Expenses -----	\$ 2,306,545	F-3(b)	\$ 2,522,983
403	Depreciation Expense -----	177,918	F-6	206,877
406	Amortization of Utility Plant -----			
	Acquisition Adjustment -----	4,231		4,231
407	Amortization Expense -----	-0-		-0-
408.1	Taxes Other Than Income -----	224,256	F-17	239,425
409.1	Income Taxes -----	301,809	F-17	217,666
410.10	Deferred Federal Income Taxes -----	66,284		74,241
410.11	Deferred State Income Taxes -----	11,346		12,709
411.10	Provision for Deferred Income Taxes - Credit -----	(4,378)		(4,378)
412.10	Investment Tax Credits Deferred to Future Periods -----	-0-		-0-
412.11	Investment Tax Credits Restored to Operating Income -----	(3,805)		(3,805)
	Utility Operating Expenses -----	\$ 3,084,206		\$ 3,269,949
	Utility Operating Income -----	\$ 626,995		\$ 502,611
413	Income From Utility Plant Leased to Others -----	-0-		-0-
414	Gains (Losses) From Disposition of Utility Property -----	500		9,600
	Total Utility Operating Income [Enter here and on Page F-3(c)] -----	\$ 627,495		\$ 512,211

F-3(a)

COMPARATIVE OPERATING STATEMENT (Cont'd)

REF. PAGE (f)	WATER (g)	REF. PAGE (h)	SEWER (i)	OTHER (j)
W-3	\$ 1,579,333	S-3	\$ 2,193,227	\$
W-2	\$ 1,003,185	S-2	\$ 1,519,798	\$
F-6	92,095	F-6	114,782	
	4,599		(368)	
F-6	-0-	F-6	-0-	
F-17	108,617	F-17	130,808	
F-17	99,797	F-17	117,869	
	34,047		40,194	
	5,828		6,881	
	(2,189)		(2,189)	
	-0-		-0-	
	(2,332)		(1,473)	
	\$ 1,343,647		\$ 1,926,302	\$
	\$ 235,686		\$ 266,925	\$
	-0-		-0-	
	-0-		9,600	
	\$ 235,686		\$ 276,525	\$

F-3(b)

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

COMPARATIVE OPERATING STATEMENT (Cont'd)

ACCT. NO. (a)	ACCOUNT NAME (b)	PREVIOUS YEAR (c)	REF. PAGE (d)	CURRENT YEAR (e)
	Total Utility Operating Income [From Page F-3(a)]	\$ 627,495		\$ 512,211
	OTHER INCOME AND DEDUCTIONS			
415	Revenues From Merchandising, Jobbing and Contract Deductions	\$ -0-		\$ -0-
416	Costs and Expenses of Merchandising, Jobbing and Contract Work	-0-		-0-
419	Interest and Dividend Income	215,021		96,994
420	Allowance for Funds Used During Construction	-0-		-0-
421	Nonutility Income	532,232		421,609
426	Miscellaneous Nonutility Expenses	(101,973)		(87,246)
	Total Other Income and Deductions	\$ 645,280		\$ 431,357
	TAXES APPLICABLE TO OTHER INCOME			
408.20	Taxes Other Than Income	\$ -0-	F-17	\$ -0-
409.20	Income Taxes	(498,230)	F-17	(309,493)
410.20	Provision for Deferred Income Taxes	-0-		-0-
411.20	Provision for Deferred Income Taxes - Credit	-0-		-0-
412.20	Investment Tax Credits - Net	-0-		-0-
412.30	Investment Tax Credits Restored to Operating Income	-0-		-0-
	Total Taxes Applicable To Other Income	\$ (498,230)		\$ (309,493)
	INTEREST EXPENSE			
427	Interest Expense	\$ (93,788)	F-18	\$ (69,393)
428	Amortization of Debt Discount & Expense	(64)	F-12	(67)
429	Amortization of Premium on Debt		F-12	
	Total Interest Expense	\$ (93,852)		\$ (69,460)
	EXTRAORDINARY ITEMS			
433	Extraordinary Income	\$		\$
434	Extraordinary Deductions			
409.30	Income Taxes, Extraordinary Items			
	Total Extraordinary Items	\$ -0-		\$ -0-
	NET INCOME	\$ 680,693		\$ 564,615

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 1989

SCHEDULE OF YEAR END RATE BASE

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	WATER UTILITY (d)	SEWER UTILITY (e)
101	Utility Plant In Service	F-5	\$ 12,983,726	\$ 19,746,534
	Less:			
	Nonused and Useful Plant (1)			
108.1	Accumulated Depreciation	F-6	2,790,761	4,172,313
110.1	Accumulated Amortization	F-6		
271	Contributions In Aid of Construction	F-20	9,880,206	15,507,436
252	Advances for Construction	F-19	-0*	-0*
	Subtotal		\$ 312,759	\$ 66,785
	Additions:			
272	Accumulated Amortization of Contributions In Aid of Construction	F-21	2,293,560	3,423,502
	Subtotal		\$ 2,606,319	\$ 3,490,287
	Plus or Minus:			
114	Acquisition Adjustments (2)	F-5	143,731**	(11,516)**
115	Accumulated Amortization of Acquisition Adjustments (2)	F-5	(77,806)**	6,233 **
	Working Capital Allowance (3)		125,748	174,653
	Other (Specify):			
	RATE BASE		\$ 2,797,992	\$ 3,659,657
				Combined
				6,457,649
	UTILITY OPERATING INCOME		\$ 235,686	\$ 276,525
				512,211
	ACHIEVED RATE OF RETURN		8.42 %	7.56 %
				7.93%

NOTES : * Advances for construction not deducted from Rate Base as this is for future utility Plant not yet constructed.

(1) ** See Attached Sheet on Acquisition Adjustment.
Estimated if not known.

(2) Include only those Acquisition Adjustments that have been approved by the Commission.

(3) Calculate using the Balance Sheet Method, beginning-year end average.

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 19 89

UTILITY PLANT (ACCTS. 101 - 106)

ACCT. NO. (a)	DESCRIPTION (b)	WATER (c)	SEWER (d)	OTHER THAN REPORTING SYSTEMS (e)	TOTAL (f)
	Plant Accounts:				
101	Utility Plant In Service	\$ 12,983,726	\$ 19,746,534	\$ -	\$ 32,730,260
102	Utility Plant Leased to Others	-	-	-	-
103	Property Held for Future Use	-	-	-	-
104	Utility Plant Purchased or Sold	-	-	-	-
105	Construction Work In Progress	39,919	95,745	-	135,664
106	Completed Construction Not Classified	-	-	-	-
	Total Utility Plant	\$ 13,023,645	\$ 19,842,279	\$ -	\$ 32,865,924

UTILITY PLANT ACQUISITION ADJUSTMENTS (ACCTS. 114 - 115)

Report each acquisition adjustment and related accumulated amortization separately.
For any acquisition adjustment approved by the Commission, include the Order Number.

DESCRIPTION (a)	WATER (b)	SEWER (c)	OTHER THAN REPORTING SYSTEMS (d)	TOTAL (e)
ACQUISITION ADJUSTMENTS (114):				
Order #13132	\$ 143,731	\$ (11,516)	\$ -	\$ 132,215
Order #14367 *See F-5A	(32,400)	(65,141)	-	(97,541)
	-	-	-	-
Total Plant Acquisition Adjs.	\$ 111,331	\$ (76,657)	\$ -0-	\$ 34,674
ACCUMULATED AMORTIZATION (115):				
Order #13132	\$ (77,806)	\$ 6,233	\$ -	\$ (71,573)
Order #14367 *See F-5A	6,075	12,214	-	18,289
	-	-	-	-
Total Accumulated Amortization	\$ (71,731)	\$ 18,447	\$ -0-	\$ (53,284)
Net Acquisition Adjustments	\$ 39,600	\$ (58,210)	\$ -0-	\$ (18,610)

Utility Name: Kingsley Service Company

December 31, 1989

****Order #14367 - HERITAGE FARMS DIVISION**

The Rate Base was approved as transferred without a negative acquisition adjustment, therefore, this acquisition adjustment which is necessary for accounting purposes is not be be deducted from Rate Base.

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 1989

ACCUMULATED DEPRECIATION (ACCT. 108)

DESCRIPTION (a)	WATER (b)	SEWER (c)	OTHER THAN REPORTING SYSTEMS (d)	TOTAL (e)
Balance first of year	\$ 2,457,048	\$ 3,646,284	\$ -0-	\$ 6,103,332
Credits during year:				
Accruals charged:				
to Account 108.1	\$ 397,163	\$ 595,302	\$ -	\$ 992,465
to Account 108.2				
to Account 108.3				
Accruals charged other accounts (specify)				
Salvage				
Other credits (specify)				
Total credits	\$ 397,163	\$ 595,302	\$ -0-	\$ 992,465
Debits during year:				
Book cost of plant retired	\$ 63,450	\$ 69,273	\$ -	\$ 132,723
Cost of removal				
Other debits (specify)				
Total debits	\$ 63,450	\$ 69,273	\$ -0-	\$ 132,723
Balance end of year	\$ 2,790,761	\$ 4,172,313	\$ -0-	\$ 6,963,074

ACCUMULATED AMORTIZATION (ACCT. 110)

DESCRIPTION (a)	WATER (b)	SEWER (c)	OTHER THAN REPORTING SYSTEMS (d)	TOTAL (e)
Balance first of year	\$ -	\$ -	\$ -	\$ -
Credits during year:				
Accruals charged:				
to Account 110.1	\$ -	\$ -	\$ -	\$ -
to Account 110.2				
Other credits (specify)				
Total credits	\$ -	\$ -	\$ -	\$ -
Debits during year:				
Book cost of plant retired	\$ -	\$ -	\$ -	\$ -
Other debits (specify)				
Total debits	\$ -	\$ -	\$ -	\$ -
Balance end of year	\$ NONE	\$ NONE	\$ NONE	\$ NONE

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

NONUTILITY PROPERTY (ACCT. 121)

Report separately each item of property with a book cost of \$25,000 or more included in Account 121. Other items may be grouped by classes of property.

DESCRIPTION (a)	BEGINNING YEAR BALANCE (b)	ADDITIONS (c)	REDUCTIONS (d)	ENDING YEAR BALANCE (e)
Contract Cancellation	\$ 460,000	\$	\$	\$ 460,000
Total Nonutility Property	\$ 460,000	\$	\$	\$ 460,000

SPECIAL DEPOSITS (ACCTS. 132 - 133)

Report hereunder all special deposits carried in Accounts 132 and 133.

DESCRIPTION OF SPECIAL DEPOSITS (a)	YEAR END BOOK COST (b)
SPECIAL DEPOSITS (ACCT. 132):	\$
Total Special Deposits	\$ -0-
OTHER SPECIAL DEPOSITS (ACCT. 133):	
Utility Deposits	\$ 4,540
Total Other Special Deposits	\$ 4,540

UTILITY NAME Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

INVESTMENTS AND SPECIAL FUNDS (ACCTS. 123 - 127)

Report hereunder all investments and special funds carried in Accounts 123 thru 127.

DESCRIPTION OF SECURITY OR SPECIAL FUND (a)	FACE OR PAR VALUE (b)	YEAR END BOOK COST (c)
INVESTMENT IN ASSOCIATED COMPANIES (ACCT. 123)	\$	\$
	\$	
	\$	
	\$	
	\$	
Total Investment In Associated Companies		\$ NONE
UTILITY INVESTMENTS (ACCT. 124):	\$	\$
	\$	
	\$	
	\$	
	\$	
Total Utility Investments		\$ NONE
OTHER INVESTMENTS (ACCT. 125):	\$	\$
	\$	
	\$	
	\$	
	\$	
Total Other Investments		\$ NONE
SPECIAL FUNDS (ACCTS. 126 & 127):		\$
Total Special Funds		\$ NONE

UTILITY NAME Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 1989

ACCOUNTS AND NOTES RECEIVABLE - NET (ACCTS. 141 - 144)

Report hereunder all accounts and notes receivable included in Accounts 141, 142 and 144. Amounts included in Accounts 142 and 144 should be listed individually.

DESCRIPTION (a)	TOTAL (b)
ACCOUNTS RECEIVABLE:	
Customer Accounts Receivable (Acct. 141):	
Water -----	\$ 148,088
Sewer -----	205,682
Other -----	
Total Customer Accounts Receivable -----	\$ 353,770
OTHER ACCOUNTS RECEIVABLE (Acct. 142):	
Accounts Receivable - CIAC & Miscellaneous -----	\$ 164,376
Accounts Receivable - Employees -----	45,400
Total Other Accounts Receivable -----	209,776
NOTES RECEIVABLE (Acct. 144):	
Face Amount of Developer Notes Due -----	\$ 501,045
Accrued Interest on Notes @ 12/31/89 -----	151,390
Total Notes Receivable -----	652,435
Total Accounts and Notes Receivable -----	\$ 1,215,981
ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS (Acct. 143)	
Balance first of year -----	\$ 3,294
Add: Provision for uncollectibles for current year -----	\$ 22,102
Collections of accounts previously written off -----	
Utility accounts -----	
Others -----	
Total Additions -----	\$ 22,102
Deduct accounts written off during year:	
Utility Accounts -----	\$ 23,749
Other -----	
Total accounts written off -----	\$ 23,749
Balance end of year -----	\$ 1,647
Total Accounts and Notes Receivable - Net -----	\$ 1,214,334

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES (ACCT. 145)

Report each account receivable from associated companies separately.

DESCRIPTION (a)	TOTAL (b)
	\$
Total -----	\$ <u>NONE</u>

NOTES RECEIVABLE FROM ASSOCIATED COMPANIES (ACCT. 146)

Report each note receivable from associated companies separately.

DESCRIPTION (a)	INTEREST RATE (b)	TOTAL (c)
	%	\$
	%	
	%	
	%	
	%	
	%	
	%	
	%	
	%	
	%	
Total -----		\$ <u>NONE</u>

UTILITY NAME Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

MATERIALS AND SUPPLIES (ACCTS. 151 - 153)

DESCRIPTION (a)	WATER (b)	SEWER (c)	OTHER THAN REPORTING SYSTEMS (d)	TOTAL (e)
Plant Material and Supplies (Acct. 151) -----	\$ -----	\$ -----	\$ -----	\$ -----
Merchandise (Acct. 152) -----	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	-----
Other Material and Supplies (Acct. 153) -----	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	-----
Total Material and Supplies -----	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	\$ <u>NONE</u>

PREPAYMENTS (ACCT. 162)

DESCRIPTION (a)	TOTAL (b)
Prepaid Insurance -----	\$ 13,799
Prepaid Rents -----	-----
Prepaid Interest -----	-----
Prepaid Taxes -----	-----
Other Prepayments (Specify): <u>Prepaid Computer Maintenance</u>	<u>3,379</u>
Total Prepayments -----	\$ <u>17,178</u>

MISCELLANEOUS DEFERRED DEBITS (ACCT. 186)

DESCRIPTION (a)	TOTAL (b)
MISCELLANEOUS DEFERRED DEBITS (Acct. 186):	
Deferred Rate Case Expense (Acct. 186.1) -----	\$ -----
Other Deferred Debits (Acct. 186.2) -----	<u>54,976</u>
Total Miscellaneous Deferred Debits -----	\$ <u>54,976</u>

UTILITY NAME Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND PREMIUM ON DEBT (ACCTS. 181 and 251)

Report the net discount and expense or premium separately for each security issue.

DESCRIPTION (a)	AMOUNT WRITTEN OFF DURING YEAR (b)	YEAR END BALANCE (c)
UNAMORTIZED DEBT DISCOUNT AND EXPENSE (Acct. 181):		
Florida National Bank - 1988 Renewal	\$ 67	\$ 223
Total Unamortized Debt Discount and Expense	\$ 67	\$ 223
UNAMORTIZED PREMIUM ON DEBT (Acct. 251):		
	\$	\$
Total Unamortized Premium on Debt	\$ NONE	\$ NONE

EXTRAORDINARY PROPERTY LOSSES (ACCT. 182)

Report each item separately.

DESCRIPTION (a)	TOTAL (b)
EXTRAORDINARY PROPERTY LOSSES (Acct. 182):	
	\$
Total Extraordinary Property Losses	\$ NONE

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

NOTES PAYABLE (ACCTS. 232 and 234)

DESCRIPTION (a)	NOMINAL DATE OF ISSUE (b)	DATE OF MATURITY (c)	INTEREST		PRINCIPAL AMOUNT PER BALANCE SHEET (f)
			RATE (d)	FREQUENCY OF PAYMENT (e)	
ACCOUNT 232 - NOTES PAYABLE: Fla. National Bank (current)	5-27-88	5-27-93	Prime +1 %	Monthly	\$ 95,745
portion mortgage note)	---	---	%	---	---
Fla. National Bank - Line of Credit	3-31-88	3-31-90	Prime +1 %	Monthly	305
Total Account 232	---	---	---	---	\$ 96,050
ACCOUNT 234 - NOTES PAYABLE TO ASSOCIATED COMPANIES:	---	---	%	---	\$ ---
---	---	---	%	---	---
---	---	---	%	---	---
---	---	---	%	---	---
---	---	---	%	---	---
Total Account 234	---	---	---	---	\$ NONE

ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES (ACCT. 233)

Report each account payable separately.	
DESCRIPTION (a)	TOTAL (b)
Rodgers Construction Company	\$ 83,858
---	---
---	---
---	---
---	---
---	---
---	---
Total	\$ 83,858

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

STATEMENT OF RETAINED EARNINGS

1. Dividends should be shown for each class and series of capital stock.
Show amounts of dividends per share.

2. Show separately the state and federal income tax effect of items shown in
Account No. 439.

ACCT. NO. (a)	DESCRIPTION (b)	AMOUNTS (c)
215	Unappropriated Retained Earnings:	
	Balance beginning of year	\$ 4,690,913
	Changes to account:	
439	Adjustments to Retained Earnings (requires Commission approval prior to use):	
	Credits:	\$
	-----	-----
	Total Credits	\$ -0-
	Debits:	\$
	-----	-----
	Total Debits	\$ -0-
435	Balance Transferred from Income	\$ 564,615
436	Appropriations of Retained Earnings:	
	-----	-----
	-----	-----
	Total Appropriations of Retained Earnings	\$ -0-
	Dividends Declared:	
437	Preferred Stock Dividends Declared	\$
	-----	-----
438	Common Stock Dividends Declared	
	-----	-----
	Total Dividends Declared	\$ -0-
	Balance end of year	\$ 5,255,528
214	Appropriated Retained Earnings (state balance and purpose of each appropriated amount at year end):	
	-----	-----
	-----	-----
	Total Appropriated Retained Earnings	\$ -0-
	Total Retained Earnings	\$ 5,255,528

Notes to Statement of Retained Earnings:

YEAR OF REPORT
DECEMBER 31, 1989

DESCRIPTION OF OBLIGATION (INCLUDING NOMINAL DATE OF ISSUE AND DATE OF MATURITY) (a)	INTEREST		PRINCIPAL AMOUNT PER BALANCE SHEET (d)
	RATE (b)	FREQUENCY OF PAYMENT (c)	
	%		\$ - - - - -
	%		- - - - -
	%		- - - - -
	%		- - - - -
	%		- - - - -
	%		- - - - -
	%		- - - - -
	%		- - - - -
	%		- - - - -
	%		- - - - -
Total			\$ NONE

[illegible]

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 19 89

ACCRUED TAXES (ACCT. 236)

ACCT. NO. (a)	DESCRIPTION (b)	WATER (c)	SEWER (d)	OTHER (e)	TOTAL (f)
	Balance First of Year	\$ 73,407	\$ 124,251	\$ 243,411	\$ 441,069
408.10	Accruals Charged:				
	Utility Regulatory				
408.11	Assessment Fees	\$ 39,483	\$ 54,831	\$ -0-	\$ 94,314
408.12	Property Taxes	38,377	45,221	-0-	83,598
408.13	Payroll Taxes	29,915	29,914	-0-	59,829
409.10	Other Taxes & Licenses	842	842	-0-	1,684
409.11	Federal Income Taxes	84,898	100,283	264,503	449,684
410.10	State Income Taxes	14,899	17,586	44,990	77,475
410.11	Taxes Applicable To Other Income (Accts. 408.2, 409.2, 409.3, 410.2)	\$	\$	\$	\$
	Total Taxes Accrued	\$ 208,414	\$ 248,677	\$ 309,493	\$ 766,584
	Taxes Paid During Year:				
408.10	Utility Regulatory				
	Assessment Fees	40,346	54,713	-0-	95,059
408.11	Property Taxes	\$ 38,377	\$ 45,221	\$ -0-	\$ 83,598
408.12	Payroll Taxes	30,079	30,079	-0-	60,158
408.13	Other Taxes & Licenses	842	842	-0-	1,684
409.10	Federal Income Taxes	128,402	180,007	384,218	692,627
409.11	State Income Taxes	23,450	33,330	68,071	124,851
	Taxes Applicable To Other Income (Accts. 408.2, 409.2, 409.3, 410.2)				
	Total Taxes Paid	\$ 261,496	\$ 344,192	\$ 452,289	\$ 1,057,977
	Balance End of Year	\$ 20,325	\$ 28,736	\$ 100,615	\$ 149,676

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

ACCRUED INTEREST (ACCT. 237)

DESCRIPTION OF DEBT (a)	BALANCE BEGINNING OF YEAR (b)	INTEREST ACCRUED DURING YEAR		INTEREST PAID DURING YEAR (e)	BALANCE END OF YEAR (f)
		ACCT. DEBIT (c)	AMOUNT (d)		
ACCOUNT NO. 237.1 - ACCRUED INTEREST ON LONG TERM DEBT: Florida National Bank	\$ 3,170	427.3	\$ 68,811	\$ 69,244	\$ 2,737
Total Account No. 237.1	\$ 3,170		\$ 68,811	\$ 69,244	\$ 2,737
ACCOUNT NO. 237.2 - ACCRUED INTEREST ON OTHER LIABILITIES:					
Customer Deposits	\$ -0-	427.4	\$ 459	\$ 459	\$ -0-
Fla. National-Line of Credit	-0-	427.2	38	38	-0-
Internal Revenue Service	-0-	427.5	85	85	-0-
Total Account No. 237.2	\$ -0-		\$ 582	\$ 582	\$ -0-
Total Account No. 237	\$ 3,170		\$ 69,393	\$ 69,826	\$ 2,737

REGULATORY COMMISSION EXPENSE - AMORTIZATION
OF RATE CASE EXPENSE (ACCTS. 666 and 766)

DESCRIPTION OF CASE (DOCKET NO.) (a)	EXPENSE INCURRED DURING YEAR (b)	AMOUNT TRANSFERRED TO ACCT. NO. 186.1 (c)	CHARGED OFF DURING YEAR	
			ACCT. (d)	AMOUNT (e)
	\$	\$		\$
Total	\$ NONE	\$ NONE		\$ NONE

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCT. 271)

DESCRIPTION (a)	WATER (b)	SEWER (c)	W & S OTHER THAN SYSTEM REPORTING (d)	TOTAL (e)
Balance first of year	\$ 9,186,504	\$14,525,052	\$ -0-	\$ 23,711,556
Add credits during year:				
Contributions received from Capacity, Main Extension and Customer Connection Charges (Schedule "A")	\$ 86,060	\$ 132,819	\$ -0-	\$ 218,879
Contributions received from Developer or Contractor Agreements in cash or property (Schedule "B")	620,424	849,565	-0-	1,469,989
Total Credits	\$ 706,484	\$ 982,384	\$ -0-	\$ 1,688,868
Less debits charged during the year (All debits charged during the year must be explained below)	\$ 12,782	\$ -0-	\$ -0-	\$ 12,782
Total Contributions In Aid of Construction	\$ 9,880,206	\$15,507,436	\$ -0-	\$ 25,387,642

Explain all debits charged to Account 271 below:

Transfer to Ortega Utility, CIAC inadvertently

entered into Kingsley's Books in 1988 \$12,782

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

SCHEDULE "A"

ADDITIONS TO CONTRIBUTIONS IN AID OF CONSTRUCTION RECEIVED FROM CAPACITY, MAIN
EXTENSION AND CUSTOMER CONNECTION CHARGES RECEIVED DURING THE YEAR

DESCRIPTION OF CHARGE (a)	NUMBER OF CONNECTIONS (b) OR UNITS	CHARGE PER CONNECTION (c)	WATER (d)	SEWER (e)
Plant Capacity - Water	424	\$ 147	\$ 62,372	\$ 123,623
Plant Capacity - Sewer	412	300		
Fire Flow - Water	1,091	15/Gal.	16,365	
Front Footage - Water	842	8.70/Ft.	7,323	
Front Footage - Sewer	754	12.20/Ft.		9,196
Total Credits			\$ 86,060	\$ 132,819

ACCUMULATED AMORTIZATION OF CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCT. 272)

DESCRIPTION (a)	WATER (b)	SEWER (c)	W & S OTHER THAN SYSTEM REPORTING (d)	TOTAL (e)
Balance first of year	\$ 1,988,493	\$ 2,942,982	\$ -0-	\$ 4,931,475
Debits during year:				
Accruals charged to Account 272	\$ 305,067	\$ 480,520	\$ -0-	\$ 785,587
Other debits (specify):				
Total debits	\$ 305,067	\$ 480,520	\$ -0-	\$ 785,587
Credits during year (specify):				
	\$ -0-	\$ -0-	\$ -0-	\$ -0-
Total Credits	\$ -0-	\$ -0-	\$ -0-	\$ -0-
Balance end of year	\$ 2,293,560	\$ 3,423,502	\$ -0-	\$ 5,717,062

YEAR OF REPORT
DECEMBER 31, 19 89

ADDITIONS TO CONTRIBUTIONS IN AID OF CONSTRUCTION RECEIVED FROM ALL DEVELOPERS
OR CONTRACTORS AGREEMENTS FROM WHICH CASH OR PROPERTY WAS RECEIVED DURING THE YEAR

45

UTILITY NAME: Kingsley Service CompanyYEAR OF REPORT
DECEMBER 31, 1989RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES
(UTILITY OPERATIONS)

1. The reconciliation should include the same detail as furnished on Schedule M-1 of the federal tax return for the year. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount and show the computation of all tax accruals.

2. If the utility is a member of a group which files a consolidated federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating intercompany amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

DESCRIPTION (a)	REF. (b)	AMOUNT (c)
Net income for the year		\$ 564,615
Reconciling items for the year:		
Taxable income not reported on books:		
Taxable CIAC		578,695
Tax Gain on Assets Sold		4,518
Deductions recorded on books not deducted for return:		
Federal & Florida Income Tax		605,925
Book Depreciation and Amortization		221,764
Prepaid Tank Painting		4,618
Travel and Entertainment		196
Accrued Officer and Vacation Wages		25,617
Income recorded on books not included in return:		
Book Gain on Assets Sold		9,600
Deduction on return not charged against book income:		
Tax Depreciation		524,169
Prepaid Tank Painting		54,976
Officers Wages		16,684
Florida Income Tax		77,475
Federal tax net income		\$ 1,323,044
Computation of tax:		
Federal Taxable Income	-	\$1,323,044
Tax Rate	-	34%
		449,835
Less 1988 Over Accrual	-	151
1989 Current Federal Income		
Tax Expense	-	\$ 449,684

** COMPLETION OF SCHEDULE ONLY REQUIRED IF AFUDC WAS CHARGED DURING YEAR **

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

NOT APPLICABLE

SCHEDULE "A"

SCHEDULE OF COST OF CAPITAL USED FOR AFUDC CALCULATION (2)

CLASS OF CAPITAL (a)	DOLLAR AMOUNT (1) (b)	PERCENTAGE OF CAPITAL (c)	ACTUAL COST RATES (d)	WEIGHTED COST [c x d] (e)
Common Equity	\$	%	%	%
Preferred Stock		%	%	%
Long Term Debt		%	%	%
Customer Deposits		%	%	%
Tax Credits - Zero Cost		%	0.00 %	%
Tax Credits - Weighted Cost		%	%	%
Deferred Income Taxes		%	%	%
Other (Explain)		%	%	%
Total	\$	100.00 %		%

(1) Should equal amounts on Schedule B, Column (f), Page F-25.

(2) Must be calculated using the same methodology used to calculate AFUDC rate approved by the Commission.

APPROVED AFUDC RATE

Current Commission approved AFUDC rate: ____ . ____ %

Commission order approving AFUDC rate: _____

** COMPLETION OF SCHEDULE ONLY REQUIRED IF AFUDC WAS CHARGED DURING YEAR **

UTILITY NAME: Kingsley Service Company

NOT APPLICABLE

YEAR OF REPORT DECEMBER 31, 1989

SCHEDULE "B"

SCHEDULE OF CAPITAL STRUCTURE ADJUSTMENTS

CLASS OF CAPITAL (a)	PER BOOK BALANCE (b)	NON-UTILITY ADJUSTMENTS (c)	NON-JURIS. ADJUSTMENTS (d)	OTHER (1) ADJUSTMENTS (e)	CAPITAL STRUCTURE USED FOR AFUDC CALCULATION (f)
Common Equity	\$	\$	\$	\$	\$
Preferred Stock					
Long Term Debt					
Customer Deposits					
Tax Credits - Zero Cost					
Tax Credits - Weighted					
Cost of Capital					
Deferred Income Taxes					
Other (Explain)					
Total	\$	\$	\$	\$	\$

(1) Explain below all adjustments made in Column (e):

WATER OPERATION SECTION

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
DECEMBER 31, 19 89

WATER UTILITY PLANT ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	PREVIOUS YEAR (c)	ADDITIONS (d)	RETIREMENTS (e)
301	Organization	\$ 1,172	\$	\$
302	Franchises	-0-		
303	Land and Land Rights	132,012		
304	Structures and Improvements	441,925	22,815	
305	Collecting and Impounding Reservoirs	122,547		
306	Lake, River and Other Intakes	-0-		
307	Wells and Springs	159,650		
308	Infiltration Galleries and Tunnels	-0-		
309	Supply Mains	49,703		
310	Power Generation Equipment	79,601		
311	Pumping Equipment	304,259	3,669	
320	Water Treatment Equipment	582,866		
330	Distribution Reservoirs and Standpipes	167,493		
331	Transmission and Distribution Mains	6,874,571	466,227	
333	Services	488,531	23,140	
334	Meters and Meter Installations	669,533	65,817	15,960
335	Hydrants	458,593	50,844	
339	Other Plant and Miscellaneous Equipment	477		
340	Office Furniture and Equip.	150,497		16,197
341	Transportation Equipment	38,002	59,080	31,293
342	Stores Equipment	-0-		
343	Tools, Shop and Garage Equip.	3,753		
344	Laboratory Equipment	-0-		
345	Power Operated Equipment	1,948	2,500	
346	Communication Equipment	34,273	900	
347	Miscellaneous Equipment	2,459		
348	Other Tangible Plant	-0-		
	Total Water Plant	\$ 10,763,865	\$ 694,992	\$ 63,450

NOTE: Any adjustments made to reclassify property from one account to another must be footnoted.

W-1(a)

WATER UTILITY PLANT MATRIX

CURRENT YEAR (f)	.1 INTANGIBLE PLANT (g)	.2 SOURCE OF SUPPLY AND PUMPING PLANT (h)	.3 WATER TREATMENT PLANT (i)	.4 TRANSMISSION AND DISTRIBUTION PLANT (j)	.5 GENERAL PLANT (k)
\$ 1,172	\$ 1,172	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
-0-	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
132,012	XXXXXXXXXXXXXXXX	52,972	-0-	28,436	50,604
464,740	XXXXXXXXXXXXXXXX	64,670	308,178	73,226	18,666
122,547	XXXXXXXXXXXXXXXX	122,547	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
159,650	XXXXXXXXXXXXXXXX	159,650	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
49,703	XXXXXXXXXXXXXXXX	49,703	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
79,601	XXXXXXXXXXXXXXXX	79,601	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
307,928	XXXXXXXXXXXXXXXX	307,928	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
582,866	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	582,866	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
167,493	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	167,493	XXXXXXXXXXXXXXXX
7,340,798	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	7,340,798	XXXXXXXXXXXXXXXX
511,671	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	511,671	XXXXXXXXXXXXXXXX
719,390	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	719,390	XXXXXXXXXXXXXXXX
509,437	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	509,437	XXXXXXXXXXXXXXXX
477	-0-	-0-	477	-0-	XXXXXXXXXXXXXXXX
134,300	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	134,300
65,789	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	65,789
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
3,753	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	3,753
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
4,448	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	4,448
35,173	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	35,173
2,459	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	2,459
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
\$ 11,395,407	\$ 1,172	\$ 837,071	\$ 891,521	\$ 9,350,451	\$ 315,192

W-1(b)

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
 DECEMBER 31, 19 89

WATER UTILITY EXPENSE ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	CURRENT YEAR (c)	.1 SOURCE OF SUPPLY AND EXPENSES - OPERATIONS (d)	.2 SOURCE OF SUPPLY AND EXPENSES - MAINTENANCE (e)
601	Salaries and Wages - Employees	\$ 168,872	\$ 7,734	\$ -0-
603	Salaries and Wages - Officers, Directors and Majority Stockholders	124,988	-0-	-0-
604	Employee Pensions and Benefits	46,704	-0-	-0-
610	Purchased Water	-0-	-0-	XXXXXXXXXXXXXX
615	Purchased Power	225,898	-0-	XXXXXXXXXXXXXX
616	Fuel for Power Purchased	911	-0-	XXXXXXXXXXXXXX
618	Chemicals	19,600	-0-	-0-
620	Materials and Supplies	81,933	-0-	623
631	Contractual Services - Eng.	2,896	-0-	-0-
632	Contractual Services - Acct.	2,780	-0-	-0-
633	Contractual Services - Legal	7,349	-0-	-0-
634	Contractual Services - Management Fees	109,559	-0-	-0-
635	Contractual Services - Other	87,287	-0-	-0-
641	Rental of Building/Real Property	12,838	-0-	-0-
642	Rental of Equipment	3,128	-0-	-0-
650	Transportation Expenses	14,986	-0-	-0-
656	Insurance - Vehicle	7,296	-0-	-0-
657	Insurance - General Liability	20,400	-0-	-0-
658	Insurance - Workman's Compensation	7,922	-0-	-0-
659	Insurance - Other	-0-	-0-	-0-
660	Advertising Expense	2,623	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
666	Regulatory Commission Expenses - Amortization of Rate Case Expense	-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
667	Regulatory Commission Expenses - Other	2,637	-0-	-0-
670	Bad Debt Expense	9,922	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
675	Miscellaneous Expenses	12,760	151	-0-
	Total Water Utility Expenses	\$ 973,289	\$ 7,885	\$ 623

WATER EXPENSE ACCOUNT MATRIX

.3 WATER TREATMENT EXPENSES - OPERATIONS (f)	.4 WATER TREATMENT EXPENSES - MAINTENANCE (g)	.5 TRANSMISSION & DISTRIBUTION EXPENSES - OPERATIONS (h)	.6 TRANSMISSION & DISTRIBUTION EXPENSES - MAINTENANCE (i)	.7 CUSTOMER ACCOUNTS EXPENSE (j)	.8 ADMINISTRATIVE & GENERAL EXPENSES (k)
\$ 16,026	\$ 8,292	\$ 4,002	\$ 20,602	\$ 43,653	\$ 68,563
-0-	-0-	-0-	-0-	-0-	124,988
-0-	-0-	-0-	-0-	-0-	46,704
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXXXX	222,894	XXXXXXXXXXXXXXXX	-0-	3,004
-0-	XXXXXXXXXXXXXXXX	911	XXXXXXXXXXXXXXXX	-0-	-0-
19,600	-0-	-0-	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
16,026	29,619	98	1,803	13,494	20,270
-0-	-0-	-0-	-0-	-0-	2,896
-0-	-0-	-0-	-0-	-0-	2,780
-0-	-0-	-0-	-0-	-0-	7,349
-0-	-0-	-0-	-0-	-0-	109,559
4,766	54,965	-0-	17,388	1,239	8,929
-0-	-0-	103	-0-	-0-	12,735
-0-	-0-	743	-0-	2,385	-0-
-0-	-0-	14,403	-0-	-0-	583
-0-	-0-	-0-	-0-	-0-	7,296
-0-	-0-	-0-	-0-	-0-	20,400
-0-	-0-	-0-	-0-	-0-	7,922
-0-	-0-	-0-	-0-	-0-	-0-
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	2,623
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	-0-	-0-	-0-	-0-	2,637
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	9,922	XXXXXXXXXXXXXXXX
676	330	73	355	41	11,134
\$ 57,094	\$ 93,206	\$ 243,227	\$ 40,148	\$ 70,734	\$ 460,372

UTILITY NAME: Kingsley Service Comapny
Orange Park System

YEAR OF REPORT
DECEMBER 31, 19 89

WATER OPERATING REVENUE

ACCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS (c)	YEAR END NUMBER CUSTOMERS (d)	AMOUNTS (e)
	Operating Revenues:			
460	Unmetered Water Revenue	89	-0-	\$ 6,425
	Metered Water Revenue:			
461.1	Metered Sales to Residential Customers	9,501	9,914	\$ 1,100,043
461.2	Metered Sales to Commercial Customers	1,004	1,057	356,753
461.3	Metered Sales to Industrial Customers	-0-	-0-	-0-
461.4	Metered Sales to Public Authorities	-0-	-0-	-0-
461.5	Metered Sales to Multiple Family Dwellings	-0-	-0-	-0-
	Total Metered Sales	10,505	10,971	\$ 1,456,796
	Fire Protection Revenue:			
462.1	Public Fire Protection	-0-	-0-	\$ -0-
462.2	Private Fire Protection	-0-	-0-	-0-
	Total Fire Protection Revenue	-0-	-0-	\$ -0-
464	Other Sales To Public Authorities	-0-	-0-	\$ -0-
465	Sales To Irrigation Customers	-0-	-0-	-0-
466	Sales For Resale	-0-	-0-	-0-
467	Interdepartmental Sales	-0-	-0-	-0-
	Totals	10,594	10,971	\$ 1,463,221
	Other Water Revenues:			
469	Guaranteed Revenues			\$ -0-
470	Forfeited Discounts			-0-
471	Miscellaneous Service Revenues			69,005
472	Rents From Water Property			-0-
473	Interdepartmental Rents			-0-
474	Other Water Revenues			-0-
	Total Other Water Revenues			\$ 69,005
	Total Water Operating Revenues			\$ 1,532,226

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
 DECEMBER 31, 19 89

BASIS FOR WATER DEPRECIATION CHARGES

ACCT. NO. (a)	ACCOUNT NAME (b)	AVERAGE SERVICE LIFE IN YEARS (c)	AVERAGE NET SALVAGE IN PERCENT (d)	DEPRECIATION RATE APPLIED IN PERCENT (100% - d)/c (e)
304	Structures and Improvements		%	%
305	Collecting and Impounding Reservoirs		%	%
306	Lake, River and Other Intakes		%	%
307	Wells and Springs		%	%
308	Infiltration Galleries and Tunnels		%	%
309	Supply Mains		%	%
310	Power Generation Equipment		%	%
311	Pumping Equipment		%	%
320	Water Treatment Equipment		%	%
330	Distribution Reservoirs and Standpipes		%	%
331	Transmission and Distribution Mains		%	%
333	Services		%	%
334	Meters and Meter Installations		%	%
335	Hydrants		%	%
339	Other Plant and Miscellaneous Equipment		%	%
340	Office Furniture and Equip.		%	%
341	Transportation Equipment		%	%
342	Stores Equipment		%	%
343	Tools, Shop and Garage Equip.		%	%
344	Laboratory Equipment		%	%
345	Power Operated Equipment		%	%
346	Communication Equipment		%	%
347	Miscellaneous Equipment		%	%
348	Other Tangible Plant		%	%
	Water Plant Composite Depreciation Rate *	31 1/4	0 %	3.2 %

* If depreciation rates prescribed by this Commission are on a total composite basis, entries should be made on this line only.

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
 DECEMBER 31, 19 89

ANALYSIS OF ENTRIES IN WATER ACCUMULATED DEPRECIATION

ACCT. NO. (a)	ACCOUNT NAME (b)	BALANCE AT BEGINNING OF YEAR (c)	ACCRUALS (d)	OTHER CREDITS * (e)	TOTAL CREDITS (d+e) (f)
304	Structures and Improvements	\$	\$	\$	\$
305	Collecting and Impounding Reservoirs				
306	Lake, River and Other Intakes				
307	Wells and Springs				
308	Infiltration Galleries and Tunnels				
309	Supply Mains				
310	Power Generation Equipment				
311	Pumping Equipment				
320	Water Treatment Equipment				
330	Distribution Reservoirs and Standpipes				
331	Transmission and Distribution Mains				
333	Services				
334	Meters and Meter Installations				
335	Hydrants				
339	Other Plant and Miscellaneous Equipment				
340	Office Furniture and Equip.				
341	Transportation Equipment				
342	Stores Equipment				
343	Tools, Shop and Garage Equip.				
344	Laboratory Equipment				
345	Power Operated Equipment				
346	Communication Equipment				
347	Miscellaneous Equipment				
348	Other Tangible Plant				
	Total Depreciable Water Plant In Service	\$ 2,319,862	\$ 350,324	\$	\$ 350,324

* Specify nature of transaction.
 Use () to denote reversal entries.

ANALYSIS OF ENTRIES IN WATER ACCUMULATED DEPRECIATION (Cont'd)

[illegible]

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

SYSTEM NAME: Orange Park System

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January		175,900	48	175,852	149,812
February		181,930	58	181,872	157,287
March		196,351	363	195,988	139,676
April		220,486	199	220,287	136,021
May		252,689	1	252,688	205,998
June		265,013	39	264,974	202,793
July		197,258	568	196,690	200,780
August		193,396	9	193,387	237,440
September		156,722	20	156,702	168,555
October		167,484	5	167,479	141,617
November		160,791	9	160,782	177,610
December		163,545	14	163,531	134,805
Total for year	-0-	2,331,565	1,333	2,330,232	2,052,394

If water is purchased for resale, indicate the following:

Vendor Not Applicable

Point of delivery Not Applicable

If water is sold to other water utilities for redistribution, list names of such utilities below:

NONE

UTILITY NAME: Kingsley Service Company

UTILITY SYSTEM: Orange Park System

YEAR OF REPORT
DECEMBER 31, 1989

WATER TREATMENT PLANT INFORMATION

Type of treatment (reverse osmosis, etc.):	Primary - Level 3
--	-------------------

Methods used (sedimentation, chemical, aerated, etc.): Aeration and Chlorination

LIME TREATMENT

Unit rating (GPM): NONE Manufacturer: NONE

FILTRATION

Type and area: ☐ Pressure → Square Feet: NONE

☐ Gravity —> GPM/Square Feet: NONE

MAINS

TYPE OF PIPE (Galvanized, Cast Iron, PVC, Etc.)	DIAMETER OF PIPE (in inches)	MAINS BEGINNING OF YEAR (in feet)	ADDITIONS	RETIREMENTS	MAINS END OF YEAR (in feet)
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
SEE ATTACHED SCHEDULES W-7A & W7-B	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
Total feet of mains	-----	-----	-----	-----	-----

SERVICES AND METERS

METERS IN SERVICE	METERS BEGINNING OF YEAR	ADDITIONS	RETIREMENTS	METERS END OF YEAR
5/8" - 3/4"	10,359	642	241	10,760
1"	300	28	8	320
2"	143	6	4	145
3"	10	-0-	-0-	10
4"	6	-0-	1	5
6"	5	1	-0-	6
8"	1	1	1	1
Other (Specify): 1 1/2"	164	12	3	173
Total meters in service	10,988	690	258	11,420
Total meters in stock	141	283	-0-	424
Number of services in use	10,505	466	-0-	10,971

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

SYSTEM NAME: Orange Park System

WELLS AND WELL PUMPS

(a)	(b)	(c)	(d)	(e)
Year Constructed	---	---	---	---
Types of Well Construction and Casing	SEE ATTACHED SCHEDULES W-8A to W-8D			---
---	---	---	---	---
Depth of Wells	---	---	---	---
Diameters of Wells	---	---	---	---
Pump - GPM	---	---	---	---
Motor - HP	---	---	---	---
Yields of Wells in GPD	---	---	---	---
Auxiliary Power	---	---	---	---

RESERVOIRS

(a)	(b)	(c)	(d)	(e)
Description (steel, concrete or pneumatic)	SEE ATTACHED SCHEDULES W-8A to W-8D			---
Capacity of Tank	---	---	---	---
Ground or Elevated	---	---	---	---

HIGH SERVICE PUMPING

MOTORS (a)	(b)	(c)	(d)	(e)
Manufacturer	SEE ATTACHED SCHEDULES W-8A to W-8D			---
Type	---	---	---	---
Rated Horsepower	---	---	---	---
PUMPS				
Manufacturer	SEE ATTACHED SCHEDULES W-8A to W-8D			---
Type	---	---	---	---
Capacity in GPM	---	---	---	---
Average Number Of Hours Operated Per Day	---	---	---	---
Auxiliary Power	---	---	---	---

KINGSLEY SERVICE COMPANY
ORANGE PARK SYSTEM
WATER SYSTEM - SCHEDULE W-7

<u>Kind of Pipe</u>	<u>Pipe Diameter</u>	<u>First Of Year</u>	<u>Added</u>	<u>Removed or Abandoned</u>	<u>End of Year</u>
Mains:					
Galvanized Iron	3/4"	34,095	-0-	-0-	34,095
Galvanized Iron	1"	8,519	-0-	-0-	8,519
Galvanized Iron	1 1/4"	77,459	320	-0-	77,779
Galvanized Iron	1 1/2"	7,311	-0-	-0-	7,311
Galvanized Iron	2"	45,094	-0-	-0-	45,094
Galvanized Iron	2 1/2"	184	-0-	-0-	184
Galvanized Iron	3"	174	-0-	-0-	174
Galvanized Iron	4"	6	-0-	-0-	6
Polybutalene	3/4"	6,031	-0-	-0-	6,031
Polybutalene	1"	80	-0-	-0-	80
Cement Asbestos	4"	69,159	-0-	-0-	69,159
Cement Asbestos	6"	94,349	-0-	-0-	94,349
Cement Asbestos	8"	54,457	-0-	-0-	54,457
Cement Asbestos	10"	31,804	-0-	-0-	31,804
Cement Asbestos	12"	33,855	-0-	-0-	33,855
Cement Asbestos	14"	897	-0-	-0-	897
Cement Asbestos	16"	2,080	-0-	-0-	2,080
Cast/Ductile Iron	4"	1,659	36	-0-	1,695
Cast/Ductile Iron	6"	6,367	272	-0-	6,639
Cast/Ductile Iron	8"	16,897	72	-0-	16,969
Cast/Ductile Iron	10"	13,034	350	-0-	13,384
Cast/Ductile Iron	12"	12,683	450	-0-	13,133
Cast/Ductile Iron	14"	18	-0-	-0-	18
Cast/Ductile Iron	16"	144	162	-0-	306
Cast/Ductile Iron	24"	937	-0-	-0-	937
PVC Pipe	1/2"	160	-0-	-0-	160
PVC Pipe	3/4"	4,019	-0-	-0-	4,019
PVC Pipe	1"	2,420	-0-	-0-	2,420
PVC Pipe	1 1/4"	855	-0-	-0-	855
PVC Pipe	1 1/2"	25,942	8,011	-0-	33,953
PVC Pipe	2"	35,994	290	-0-	36,284
PVC Pipe	2 1/2"	568	-0-	-0-	568
PVC Pipe	4"	118,632	3,874	-0-	122,506
PVC Pipe	6"	206,144	3,880	-0-	210,024
PVC Pipe	8"	138,238	8,569	-0-	146,807
PVC Pipe	10"	55,988	4,023	-0-	60,011
PVC Pipe	12"	15,984	10,266	-0-	26,250
TOTAL		<u>1,122,237</u>	<u>40,575</u>	<u>-0-</u>	<u>1,162,812</u>

December 31, 1989

KINGSLEY SERVICE COMPANY
ORANGE PARK SYSTEM
WATER SYSTEM - SCHEDULE W-7

	<u>Size</u>	<u>Beginning Of Year</u>	<u>Added</u>	<u>Removed or Abandoned</u>	<u>End of Year</u>
Gate Valves	3/4"	1	-0-	-0-	1
	1"	34	-0-	-0-	34
	1 1/4"	14	-0-	-0-	14
	1 1/2"	34	5	-0-	39
	2"	280	1	-0-	281
	2 1/2"	3	-0-	-0-	3
	4"	291	6	-0-	297
	6"	451	10	-0-	461
	8"	438	13	-0-	451
	10"	122	6	-0-	128
	12"	131	20	-0-	151
	14"	1	-0-	-0-	1
	16"	3	-0-	-0-	3
	24"	<u>1</u>	<u>-0-</u>	<u>-0-</u>	<u>1</u>
TOTAL		<u>1,804</u>	<u>61</u>	<u>-0-</u>	<u>1,865</u>
Fire Hydrants		<u>636</u>	<u>41</u>	<u>-0-</u>	<u>677</u>
TOTAL		<u>636</u>	<u>41</u>	<u>-0-</u>	<u>677</u>

W-7B

Kingsley Service Company - Orange Park System

December 31, 1989

POWER AND PUMPING EQUIPMENT - SCHEDULE W-8

Lucy Branch - Lakeside Estates Water Plant

Year Constructed: 1968, 1972, 1977

Wells: Three 8" x 12"

Well Depth: 600 to 861 Feet

Diameter of Wells: 8"

Yield of Wells: 5,472,000 G.P.D.

Design Flow per D.E.R.: 5,400,000 G.P.D.

Source of Supply: Florida Aquifer

Method of Measurement: Flow Meters/Pump Hour Clocks

Well Pump No. 1, Peerless - 12MBOLS, 1000 GPM @ 75' TDH Motor, Newman, 25 H.P., 220/440/3/60, 1800 RPM, F324UPDD2782PD, ID#TA2825

Well Pump No. 2, Peerless - 12MBOLS, 1400 GPM @ 61.5' TDH Motor, Newman, 30 H.P., 220/440/3/60, 1720 RPM, F326UPDD2792PB, ID#TI0487

Well Pump No. 3, Peerless - 12MBOLS, 1400 GPM @ 61.5' TDH Motor, Newman, 30 H.P., 220/440/3/60, 1720 RPM, TPYDD2-782PB, ID#T117041

High Service Pump No. 1, Aurora, 5"x6"x15", 411-BF, Splitcase, 1400 GPM @ 115' TDH, 1750 RPM, Motor Reliance, 50 H.P., 230/460/3/60, 1765 RPM, F326T, ID# P32GOD12BC7FX, I.D.# 72-12892-2

High Service Pump No. 2, Aurora, 5"x6"x15", 411-BF, Splitcase, 1400 GPM @ 115' TDH, 1750 RPM, Motor Reliance, 50 H.P., 230/460/3/60, 1765 RPM, F326T, ID# P32GOD12BG4EX, I.D.# 72-128-92-1

High Service Pump No. 3, Aurora, 5"x6"x15", 411-BF, Splitcase, 1400 GPM @ 115' TDH, 1750 RPM, Motor Reliance, 50 H.P., 230/460/3/60, 1765 RPM, F326T, ID# P32GOD12BG10FX, I.D.# 7212891

High Service Pump No. 4, Aurora, 5"x6"x15", 411-BF, Splitcase, 1400 GPM @ 115' TDH, 1750 RPM, Motor Reliance, 50 H.P., 230/460/3/60, 1760 RPM, F326T, I.D.# P32G12BG6PC, ID# 777908

Note: High Service Pump No. 3 also hooked up to Wisconsin engine, V-465D, 60 H.P., Propane, standby, 2, 200 RPM, F3 3/4 x 4, ID#479553

Air Compressor - Quincy Model 240-6 4 x 3, 5 H.P. Wagner Motor, 1750 RPM, 230/460/3/60, F215, ID#2406480318L

Auxiliary Power - Onan, Standby 75 KVA, Driver by Allis-Chalmers Diesel, 100+ H.P., 2000 RPM, F3500

Steel Ground Storage (GS) & Steel Pneumatic Tank (P) 100,000 GS, 300,000 GS, 500,000 GS, 2 - 10,000 P

Chlorination Equipment - Wallace & Terirnan

4 - V100 Chlorinators

4 - Injectors

2 - Switch Over Regulators

1 - Dual Scales

1 - Gas Detector - Model 1610

1 - Dayton Vent Fan

Kingsley Service Company - Orange Park System
December 31, 1989

POWER AND PUMPING EQUIPMENT - SCHEDULE W-8

Ridgecrest Water Treatment Plant

Year Constructed: 1981, 1984
Wells: Two 16" x 12"
Well Depth: 960 to 1,000 feet
Diameter of Wells: 12"
Yield of Wells: 6,624,000 G.P.D.
Design Flow per D.E.R.: 6,048,000 G.P.D.
Source of Supply: Florida Aquifer
Method of Measurement: Flow Meters/Pump Hour Clocks

Well Pump No. 1, Peerless - (16" x 10"), 2300 GPM @ 130' TDH, Motor, Newman, 100 H.P. 220/440/3/60, 1800 RPM, F404TP

Well Pump No. 2, Peerless - (16" x 10"), 2300 GPM @ 130' TDH, Motor, Newman, 100 H.P. 220/440/3/60, 1800 RPM, F404TP, ID#T132120

High Service Pump No. 1, Aurora, 5"x6"x15", 411, 1400 GPM @ 115' TDH, 1750 RPM, Motor, Reliance, 50 H.P. 230/460/3/60, 1770 RPM, F326T, ID#81071311

High Service Pump No. 2, Aurora, 5"x6"x15", 411, 1400 GPM @ 115' TDH, 1750 RPM, Motor, Reliance, 50 H.P. 230/460/3/60, 1770 RPM, F326T, ID#81071312

High Service Pump No. 3, Aurora, 5"x6"x15", 411, 1400 GPM @ 115' TDH, 1750 RPM, Motor, Reliance, 50 H.P. 230/460/3/60, 1770 RPM, F326T, ID#8405333

Air Compressor - Quincy, Model FQ325, 5 H.P. Motor, 1735 RPM, 230/460/3/60, F215, 20992-0

Steel Ground Storage (GS) & Steel Pneumatic Tank (P), 2 - 550,000 GS, 1-20,000 P

Chlorination Equipment - Wallace & Terirnan

- 3 - V100 Chlorinators
- 3 - Injectors
- 2 - Switch Over Regulators
- 1 - Dual Scale
- 1 - Gas Detector - Model 1610
- 1 - Dayton Vent Fan

Kingsley Service Company - Orange Park System
December 31, 1989
POWER AND PUMPING EQUIPMENT - SCHEDULE W-8

Bellair-Meadowbrook Water Plant

Year Constructed: 1958, 1973, 1976
Wells: Three 8" x 12"
Well Depth: 1,000 to 1,030 feet
Diameter of Wells: 8"
Yield of Wells: 6,048,000 G.P.D.
Design Flow per D.E.R.: 6,912,000 G.P.D.
Source of Supply: Florida Aquifer
Method of Measurement: Flow Meters/pump Hour Clocks

Well Pump No. 1, Peerless-12MB-2, 1400 GPM @ 116' TDH Motor, Newman, 60 H.P., 220/440/3/60, 1800 RPM, 364 TP Frame, ID#365VPD03182PB, ID#T106780

Well Pump No. 2, Peerless-12MB2, 1400 GPM @ 116' TDH Motor, Newman, 50 H.P., 220/440/3/60, 1780 RPM, Frame 365UP-PD3182PB

Well Pump No. 3, Peerless-12MB2-OLS, 1400 GPM @ 116' TDH Motor, Newman, 60 H.P., 230/460/3/60, 1770 RPM, Frame 364IPPD3182PB

New Building-High Service Pump No. 1, Aurora, 5"x6"x17", 411 BF, 1600 GPM @ 149' TDH, Motor, Reliance, 75 H.P., 230/460/3/60, 1765 RPM, Frame 365TS, B36G24FG02SKMV3226, ID#7412286

New Building-High Service Pump No. 2, Aurora, 5"x6"x17", 411 BF, 1600 GPM @ 149' TDH, Motor, Reliance, 75 H.P., 230/460/3/60, 1765 RPM, Frame 365TS, ID#755445

New Building-High Service Pump No. 3, Aurora, 5"x6"x17", 411 BF, 1600 GPM @ 149' TDH, Motor, Reliance, 75 H.P., 230/460/3/60, 1765 RPM, Frame 365TS, #36G12CG1SA, ID# 9J63084

Air Compressor-Ingersoll Rand, 253-30, 5 H.P. G.E. Motor, 1745 RPM, F184T, 230/460/3/60

Auxiliary Power-Caterpillar Model D346 TA Diesel Elec. Set rated KW standby Duty at 277/480 Volt, 60 Hertz, 3 Phase, 4 Wire @ 1800 RPM Serial No. 39J1646

Steel Ground Storage (GS) & Steel Pneumatic Tank (P), 68,000 GS, 150,000 GS, 2 - 500,000 GS, 1 - 5,000 P, 2 - 20,000 P

Chlorination Equipment - Wallace & Terirnan

- 3 - V100 Chlorinators
- 3 - Injectors
- 2 - Switch Over Regulators
- 1 - Dual Scale
- 1 - Gas Detector - Model 1610
- 1 - Dayton Vent Fan

65

Kingsley Service Company - Orange Park System
December 31, 1989

POWER AND PUMPING EQUIPMENT - SCHEDULE W-8

Fleming Oaks Water Plant

Year Constructed: 1983, 1988

Wells: Two 8" x 12"

Well Depth: 1,000 feet

Diameter of Wells: 8"

Yield of Wells: 4,032,000 G.P.D.

Design Flow per D.E.R.: 1,500,000 G.P.D.

Source of Supply: Florida Aquifer

Method of Measurement: Flow Meters/Pump Hour Clocks

Well Pump No. 1, Peerless-12MBI, 1400 GPM @ 50' TDH, Serial T1 31091, Motor, Newman, 30 H.P. 230/460, 1765 RPM, RB286TPY/DD2752PB, Serial S20759402

Well Pump No. 2, Peerless-12MB-2STG-OLS, Serial T140143, 1400 GPM @ 70' TDH, 30 H.P., 230/460, 1765 RPM, R324TPD 2792, S324105902

High Service Pump No. 1, Aurora, 4"x5"x15", 411-BF, Splitcase, 800 GPM @ 105' TDH, 1750 RPM, Motor, Reliance, 30 H.P., 230/460, 1765 RPM, F286T ID#307298-2

High Service Pump No. 2, Aurora, 4"x5"x15", 411-BF, Splitcase, 800 GPM @ 105' TDH, 1750 RPM, Motor, Reliance, 30 H.P., 230/460, 1765 RPM, F286T ID#8307298

Air Compressor-Quincy Model 240-13, 4"x3", 5 H.P., Reliance Motor, 1730 RPM, 230/460/3/60, F184T

Generator - Onan Model 300, ODHV 47R 29167B, Serial A G860832489, Hertz 60, RPM 1800, Komatsu 6 cyl Diesel

Steel Ground Storage (GS) & Steel Pneumatic Tank (P), 250,000 GS, 1 - 10,000 P

Chlorination Equipment - Wallace & Terirnan

- 2 - V100 Chlorinators
- 2 - Injectors
- 2 - Switch Over Regulators
- 1 - Dual Scale
- 1 - Gas Detector - Model 1610
- 1 - Dayton Vent Fan

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

UTILITY SYSTEM: Orange Park System

SOURCE OF SUPPLY

List for each source of supply:

Gals. per day of source	SEE ATTACHED SCHEDULES W-8A to W-8D		
Type of source			

WATER TREATMENT FACILITIES

List for each water treatment facility:

Type	SEE ATTACHED SCHEDULES W-8A to W-8D		
Make			
Gals. per day capacity			
Method of measurement			

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system not physically connected with another facility. A separate page should be supplied where necessary.

1. Present ERC's * that system can efficiently serve. 14,273**
2. Estimated annual increase in ERC's * . 400
3. List fire fighting facilities and capacities. System delivers sufficient water supply to 677 fire hydrants and several commercial sprinkler systems.
4. List percent of certificated area where service connections are installed (total for each county). 90%
5. What is the current need for system upgrading and/or expansion? We are in the process of permitting and building the Pace Island Water Plant on Fleming Island.
6. What are plans for future system upgrading and/or expansion? The Pace Island Water Plant will be needed as the Pace Island Development grows along with other developments on Fleming Island.
7. Have questions 6 and 7 been discussed with an engineer (if so, state name and address)? Alan W. Potter, P.E.
6957 Lillian Road, Jacksonville, Fla. 32211
8. Have questions 6 and 7 been discussed with appropriate state sanitary engineering office? Yes

** Company has experienced up to 950 G.P.D. per E.R.C. on peak days.

** Based on 16 hour day.

* ERC = (Total Gallons Sold / 365 days) / 350 Gallons Per Day

UTILITY NAME: Kingsley Service Company
Orange Park System
 UTILITY SYSTEM: _____

YEAR OF REPORT
 DECEMBER 31, 1989

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	<u>10,760</u>	<u>10,760</u>
3/4"	Displacement	1.5	<u>---</u>	<u>---</u>
1"	Displacement	2.5	<u>320</u>	<u>800</u>
1 1/2"	Displacement or Turbine	5.0	<u>173</u>	<u>865</u>
2"	Displacement, Compound or Turbine	8.0	<u>145</u>	<u>1,160</u>
3"	Displacement	15.0	<u>3</u>	<u>45</u>
3"	Compound	16.0	<u>7</u>	<u>112</u>
3"	Turbine	17.5	<u>---</u>	<u>---</u>
4"	Displacement or Compound	25.0	<u>4</u>	<u>100</u>
4"	Turbine	30.0	<u>1</u>	<u>30</u>
6"	Displacement or Compound	50.0	<u>6</u>	<u>300</u>
6"	Turbine	62.5	<u>---</u>	<u>---</u>
8"	Compound	80.0	<u>1</u>	<u>80</u>
8"	Turbine	90.0	<u>---</u>	<u>---</u>
10"	Compound	115.0	<u>---</u>	<u>---</u>
10"	Turbine	145.0	<u>---</u>	<u>---</u>
12"	Turbine	215.0	<u>---</u>	<u>---</u>
Total Water System Meter Equivalents <u>-----</u>				<u>14,252</u>

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

$$\left(\frac{2,051,716,000}{(\text{total gallons sold})} / 365 \text{ days} \right) / 350 \text{ gpd} = \underline{16,060}$$

WATER OPERATION SECTION

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 1989

WATER UTILITY PLANT ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	PREVIOUS YEAR (c)	ADDITIONS (d)	RETIREMENTS (e)
301	Organization	\$ 493	\$	\$
302	Franchises	-0-		
303	Land and Land Rights	12,437		
304	Structures and Improvements	102,483		
305	Collecting and Impounding Reservoirs	-0-		
306	Lake, River and Other Intakes	-0-		
307	Wells and Springs	25,150	51,577	
308	Infiltration Galleries and Tunnels	-0-		
309	Supply Mains	-0-	56,343	
310	Power Generation Equipment	42,225		
311	Pumping Equipment	73,919	26,358	
320	Water Treatment Equipment	23,656		
330	Distribution Reservoirs and Standpipes	112,125		
331	Transmission and Distribution Mains	872,879	74,325	
333	Services	30,962	6,556	
334	Meters and Meter Installations	22,943		
335	Hydrants	44,683	9,205	
339	Other Plant and Miscellaneous Equipment	-0-		
340	Office Furniture and Equip.	-0-		
341	Transportation Equipment	-0-		
342	Stores Equipment	-0-		
343	Tools, Shop and Garage Equip.	-0-		
344	Laboratory Equipment	-0-		
345	Power Operated Equipment	-0-		
346	Communication Equipment	-0-		
347	Miscellaneous Equipment	-0-		
348	Other Tangible Plant	-0-		
	Total Water Plant	\$ 1,363,955	\$ 224,364	\$ -0-

NOTE: Any adjustments made to reclassify property from one account to another must be footnoted.

W-1(a)

WATER UTILITY PLANT MATRIX					
CURRENT YEAR (f)	.1 INTANGIBLE PLANT (g)	.2 SOURCE OF SUPPLY AND PUMPING PLANT (h)	.3 WATER TREATMENT PLANT (i)	.4 TRANSMISSION AND DISTRIBUTION PLANT (j)	.5 GENERAL PLANT (k)
\$ 493	\$ 493	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
-0-	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
12,437	XXXXXXXXXXXXXXXX	11,740	-0-	505	192
102,483	XXXXXXXXXXXXXXXX	-0-	102,483	-0-	-0-
-0-	XXXXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
76,727	XXXXXXXXXXXXXXXX	76,727	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
56,343	XXXXXXXXXXXXXXXX	56,343	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
42,225	XXXXXXXXXXXXXXXX	42,225	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
100,277	XXXXXXXXXXXXXXXX	100,277	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
23,656	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	23,656	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
112,125	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	112,125	XXXXXXXXXXXXXXXX
947,204	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	947,204	XXXXXXXXXXXXXXXX
37,518	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	37,518	XXXXXXXXXXXXXXXX
22,943	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	22,943	XXXXXXXXXXXXXXXX
53,888	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	53,888	XXXXXXXXXXXXXXXX
-0-	-0-	-0-	-0-	-0-	XXXXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
1,588,319	493	287,312	126,139	1,174,183	192

W-1(b)

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 19 89

WATER UTILITY EXPENSE ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	CURRENT YEAR (c)	.1 SOURCE OF SUPPLY AND EXPENSES - OPERATIONS (d)	.2 SOURCE OF SUPPLY AND EXPENSES - MAINTENANCE (e)
601	Salaries and Wages - Employees	\$ 5,187	\$ 238	\$ -0-
603	Salaries and Wages - Officers, Directors and Majority Stockholders	3,839	-0-	-0-
604	Employee Pensions and Benefits	1,435	-0-	-0-
610	Purchased Water	-0-	-0-	XXXXXXXXXXXXXX
615	Purchased Power	6,939	-0-	XXXXXXXXXXXXXX
616	Fuel for Power Purchased	28	-0-	XXXXXXXXXXXXXX
618	Chemicals	602	-0-	-0-
620	Materials and Supplies	2,517	-0-	19
631	Contractual Services - Eng.	89	-0-	-0-
632	Contractual Services - Acct.	85	-0-	-0-
633	Contractual Services - Legal	226	-0-	-0-
634	Contractual Services - Management Fees	3,365	-0-	-0-
635	Contractual Services - Other	2,681	-0-	-0-
641	Rental of Building/Real Property	394	-0-	-0-
642	Rental of Equipment	96	-0-	-0-
650	Transportation Expenses	460	-0-	-0-
656	Insurance - Vehicle	224	-0-	-0-
657	Insurance - General Liability	627	-0-	-0-
658	Insurance - Workman's Compensation	243	-0-	-0-
659	Insurance - Other	-0-	-0-	-0-
660	Advertising Expense	81	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
666	Regulatory Commission Expenses - Amortization of Rate Case Expense	-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
667	Regulatory Commission Expenses - Other	81	-0-	-0-
670	Bad Debt Expense	305	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
675	Miscellaneous Expenses	392	5	-0-
	Total Water Utility Expenses	\$ 29,896	\$ 243	\$ 19

WATER EXPENSE ACCOUNT MATRIX

.3 WATER TREATMENT EXPENSES - OPERATIONS (f)	.4 WATER TREATMENT EXPENSES - MAINTENANCE (g)	.5 TRANSMISSION & DISTRIBUTION EXPENSES - OPERATIONS (h)	.6 TRANSMISSION & DISTRIBUTION EXPENSES - MAINTENANCE (i)	.7 CUSTOMER ACCOUNTS EXPENSE (j)	.8 ADMINISTRATIVE & GENERAL EXPENSES (k)
\$ 492	\$ 255	\$ 123	\$ 633	\$ 1,341	\$ 2,105
-0-	-0-	-0-	-0-	-0-	3,839
-0-	-0-	-0-	-0-	-0-	1,435
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXXXX	6,847	XXXXXXXXXXXXXXXX	-0-	92
-0-	XXXXXXXXXXXXXXXX	28	XXXXXXXXXXXXXXXX	-0-	-0-
602	-0-	-0-	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
492	910	3	55	415	623
-0-	-0-	-0-	-0-	-0-	89
-0-	-0-	-0-	-0-	-0-	85
-0-	-0-	-0-	-0-	-0-	226
-0-	-0-	-0-	-0-	-0-	-0-
-0-	-0-	-0-	-0-	-0-	3,365
146	1,688	-0-	534	38	275
-0-	-0-	-0-	-0-	-0-	394
-0-	-0-	23	-0-	73	-0-
-0-	-0-	442	-0-	-0-	18
-0-	-0-	-0-	-0-	-0-	224
-0-	-0-	-0-	-0-	-0-	627
-0-	-0-	-0-	-0-	-0-	243
-0-	-0-	-0-	-0-	-0-	-0-
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	81
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	-0-	-0-	-0-	-0-	81
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	305	XXXXXXXXXXXXXXXX
21	10	2	11	1	342
\$ 1,753	\$ 2,863	\$ 7,468	\$ 1,233	\$ 2,173	\$ 14,144

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 19 89

WATER OPERATING REVENUE

ACCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS (c)	YEAR END NUMBER CUSTOMERS (d)	AMOUNTS (e)
	Operating Revenues:			
460	Unmetered Water Revenue	29	-0-	\$ 2,793
	Metered Water Revenue:			
461.1	Metered Sales to Residential Customers	459	603	\$ 41,868
461.2	Metered Sales to Commercial Customers	8	7	2,446
461.3	Metered Sales to Industrial Customers	-0-	-0-	-0-
461.4	Metered Sales to Public Authorities	-0-	-0-	-0-
461.5	Metered Sales to Multiple Family Dwellings	-0-	-0-	-0-
	Total Metered Sales	467	610	\$ 44,314
	Fire Protection Revenue:			
462.1	Public Fire Protection	-0-	-0-	\$ -0-
462.2	Private Fire Protection	-0-	-0-	-0-
	Total Fire Protection Revenue	-0-	-0-	\$ -0-
464	Other Sales To Public Authorities	-0-	-0-	\$ -0-
465	Sales To Irrigation Customers	-0-	-0-	-0-
466	Sales For Resale	-0-	-0-	-0-
467	Interdepartmental Sales	-0-	-0-	-0-
	Totals	496	610	\$ 47,107
	Other Water Revenues:			
469	Guaranteed Revenues			\$
470	Forfeited Discounts			
471	Miscellaneous Service Revenues			
472	Rents From Water Property			
473	Interdepartmental Rents			
474	Other Water Revenues			
	Total Other Water Revenues			\$ -0-
	Total Water Operating Revenues			\$ 47,107

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 19 89

BASIS FOR WATER DEPRECIATION CHARGES

ACCT. NO. (a)	ACCOUNT NAME (b)	AVERAGE SERVICE LIFE IN YEARS (c)	AVERAGE NET SALVAGE IN PERCENT (d)	DEPRECIATION RATE APPLIED IN PERCENT (100% - d)/c (e)
304	Structures and Improvements		%	%
305	Collecting and Impounding Reservoirs		%	%
306	Lake, River and Other Intakes		%	%
307	Wells and Springs		%	%
308	Infiltration Galleries and Tunnels		%	%
309	Supply Mains		%	%
310	Power Generation Equipment		%	%
311	Pumping Equipment		%	%
320	Water Treatment Equipment		%	%
330	Distribution Reservoirs and Standpipes		%	%
331	Transmission and Distribution Mains		%	%
333	Services		%	%
334	Meters and Meter Installations		%	%
335	Hydrants		%	%
339	Other Plant and Miscellaneous Equipment		%	%
340	Office Furniture and Equip.		%	%
341	Transportation Equipment		%	%
342	Stores Equipment		%	%
343	Tools, Shop and Garage Equip.		%	%
344	Laboratory Equipment		%	%
345	Power Operated Equipment		%	%
346	Communication Equipment		%	%
347	Miscellaneous Equipment		%	%
348	Other Tangible Plant		%	%
	Water Plant Composite Depreciation Rate *	31.25	0 %	3.2 %

* If depreciation rates prescribed by this Commission are on a total composite basis, entries should be made on this line only.

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 19 89

ANALYSIS OF ENTRIES IN WATER ACCUMULATED DEPRECIATION

ACCT. NO. (a)	ACCOUNT NAME (b)	BALANCE AT BEGINNING OF YEAR (c)	ACCRUALS (d)	OTHER CREDITS * (e)	TOTAL CREDITS (d+e) (f)
304	Structures and Improvements	\$	\$	\$	\$
305	Collecting and Impounding Reservoirs				
306	Lake, River and Other Intakes				
307	Wells and Springs				
308	Infiltration Galleries and Tunnels				
309	Supply Mains				
310	Power Generation Equipment				
311	Pumping Equipment				
320	Water Treatment Equipment				
330	Distribution Reservoirs and Standpipes				
331	Transmission and Distribution Mains				
333	Services				
334	Meters and Meter Installations				
335	Hydrants				
339	Other Plant and Miscellaneous Equipment				
340	Office Furniture and Equip.				
341	Transportation Equipment				
342	Stores Equipment				
343	Tools, Shop and Garage Equip.				
344	Laboratory Equipment				
345	Power Operated Equipment				
346	Communication Equipment				
347	Miscellaneous Equipment				
348	Other Tangible Plant				
	Total Depreciable Water Plant In Service	\$ 137,186	\$ 46,839	\$ -0-	\$ 46,839

* Specify nature of transaction.
 Use () to denote reversal entries.

ANALYSIS OF ENTRIES IN WATER ACCUMULATED DEPRECIATION (Cont'd)

[illegible]

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

SYSTEM NAME: Heritage Farms System

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January		3,425		3,425	4,300
February		4,604		4,604	4,667
March		5,936		5,936	5,142
April		6,372		6,372	5,845
May		7,331		7,331	7,399
June		6,366		6,366	6,137
July		5,419		5,419	5,240
August		5,219		5,219	5,192
September		4,823		4,823	4,600
October		5,212		5,212	4,012
November		4,468		4,468	4,275
December		4,940		4,940	4,284
Total for year	-0-	64,115	-0-	64,115	61,093

If water is purchased for resale, indicate the following:

Vendor NONE

Point of delivery NONE

If water is sold to other water utilities for redistribution, list names of such utilities below:

NONE

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

UTILITY SYSTEM: Heritage Farms System

WATER TREATMENT PLANT INFORMATION

Type of treatment (reverse osmosis, etc.): Primary Level 3
 Methods used (sedimentation, chemical, aerated, etc.): Aeriation and Chlorination

LIME TREATMENT

Unit rating (GPM): NONE Manufacturer: NONE

FILTRATION

Type and area: ☐ Pressure → Square Feet: NONE
☐ Gravity → GPM/Square Feet: NONE

MAINS

TYPE OF PIPE (Galvanized, Cast Iron, PVC, Etc.)	DIAMETER OF PIPE (in inches)	MAINS BEGINNING OF YEAR (in feet)	ADDITIONS	RETIREMENTS	MAINS END OF YEAR (in feet)
SEE ATTACHED SCHEDULES W-7A to W-7B					
Total feet of mains					

SERVICES AND METERS

METERS IN SERVICE	METERS BEGINNING OF YEAR	ADDITIONS	RETIREMENTS	METERS END OF YEAR
5/8" - 3/4"	474	148	-0-	622
1"	6	-0-	-0-	6
2"	4	-0-	-0-	4
3"				
4"				
6"				
8"				
Other (Specify):				
Total meters in service	484	148	-0-	632
Total meters in stock	-0-	-0-	-0-	-0-
Number of services in use	467	143	-0-	610

UTILITY NAME: Kingsley Service Company
 SYSTEM NAME: Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 19 89

WELLS AND WELL PUMPS

(a)	(b)	(c)	(d)	(e)
Year Constructed	SEE ATTACHED	SCHEDULES W-8A	to W-8B	
Types of Well Construction and Casing				
Depth of Wells				
Diameters of Wells				
Pump - GPM				
Motor - HP				
Yields of Wells in GPD				
Auxiliary Power				

RESERVOIRS

(a)	(b)	(c)	(d)	(e)
Description (steel, concrete or pneumatic)	SEE ATTACHED	SCHEDULES W-8A	to W-8B	
Capacity of Tank				
Ground or Elevated				

HIGH SERVICE PUMPING

MOTORS (a)	(b)	(c)	(d)	(e)
Manufacturer	SEE ATTACHED	SCHEDULES W-8A	to W-8B	
Type				
Rated Horsepower				
PUMPS				
Manufacturer	SEE ATTACHED	SCHEDULES W-8A	to W-8B	
Type				
Capacity in GPM				
Average Number Of Hours Operated Per Day				
Auxiliary Power				

December 31, 1989

KINGSLEY SERVICE COMPANY
HERITAGE FARMS SYSTEM
WATER SYSTEM - SCHEDULE W-7

<u>Kind of Pipe</u>	<u>Pipe Diameter</u>	<u>First Of Year</u>	<u>Added</u>	<u>Removed or Abandoned</u>	<u>End of Year</u>
Mains:					
Galvanized Iron	3/4"	1,100	-0-	-0-	1,100
Galvanized Iron	1"	10	-0-	-0-	10
Galvanized Iron	1 1/4"	390	-0-	-0-	390
Galvanized Iron	1 1/2"	3,225	-0-	-0-	3,225
Galvanized Iron	2"	50	-0-	-0-	50
Polybutalene	3/4"	2,256	-0-	-0-	2,256
Polybutalene	1 1/2"	180	-0-	-0-	180
Cast/Ductile Iron	6"	228	24	-0-	252
Cast/Ductile Iron	8"	126	8	-0-	134
Cast/Ductile Iron	10"	1,131	10	-0-	1,141
Cast/Ductile Iron	12"	306	1,584	-0-	1,890
PVC Pipe	3/4"	1,046	780	-0-	1,826
PVC Pipe	1"	130	-0-	-0-	130
PVC Pipe	1 1/2"	7,839	2,520	-0-	10,359
PVC Pipe	2"	180	120	-0-	300
PVC Pipe	2 1/2"	320	-0-	-0-	320
PVC Pipe	4"	9,429	1,630	-0-	11,059
PVC Pipe	6"	12,781	1,145	-0-	13,926
PVC Pipe	8"	14,800	5,492	-0-	20,292
PVC Pipe	10"	11,001	680	-0-	11,681
PVC Pipe	12"	<u>10,870</u>	<u>-0-</u>	<u>-0-</u>	<u>10,870</u>
TOTAL		<u>77,398</u>	<u>13,993</u>	<u> </u>	<u>91,391</u>

December 31, 1989

KINGSLEY SERVICE COMPANY
HERITAGE FARMS SYSTEM
WATER SYSTEM - SCHEDULE W-7

	<u>Size</u>	<u>Beginning Of Year</u>	<u>Added</u>	<u>Removed or Abandoned</u>	<u>End of Year</u>
<u>Gate Valves</u>	1"	4	-0-	-0-	4
	1 1/2"	1	-0-	-0-	1
	2"	9	-0-	-0-	9
	4"	17	3	-0-	20
	6"	25	3	-0-	28
	8"	49	19	-0-	68
	10"	21	5	-0-	26
	12"	<u>23</u>	<u>-0-</u>	<u>-0-</u>	<u>23</u>
TOTAL		<u>149</u>	<u>30</u>	<u>-0-</u>	<u>179</u>
 <u>Fire Hydrants</u>		<u>48</u>	<u>12</u>	<u>-0-</u>	<u>60</u>
TOTAL		<u>48</u>	<u>12</u>	<u>-0-</u>	<u>60</u>

W-7B

Kingsley Service Company - Heritage Farms System
December 31, 1989

POWER AND PUMPING EQUIPMENT - SCHEDULE W-8

Heritage Farms Water Plant

Year Constructed: Unknown
Well Construction: Ductile Iron
Depth of Well: 580 feet
Diameter of Well: 6"
Yield of Wells: 360,000 G.P.D.
Design Flow per D.E.R.: 170,000 G.P.D.
Source of Supply: Florida Aquifer
Method of Measurement: Flow Meters/Pump Hour Clock

Well Pump No. 1, Peerless - 5 H.P., 230/460, Phase 3, Code K, 3450 RPM, H260, Model P56R2U1A1 Serial 6179, 250 G.P.M.

High Service Pump No. 1 - 20 H.P. US Motor 230/460, 3525 RPM, Frame 256 JM Type VT-4-TM, ID #F-B091-00-025, K184R032, Serial 0838546, Peerless Pump, Model 0820-M, Serial 372925, Impeller V3289B, Dia. 7 1/2, 348 G.P.M.

High Service Pump No. 2 - Marathon Motor, 20 H.P., Frame 256JM, I.D. No. FB091-00-025, Volts 230/460, AMP 498/249, H260, Phase 3, Peerless Pump, Model 0820-M, Serial 372926, Impeller V3289B, Dia. 7 1/2, 348 G.P.M.

Air Compressor - Speedaire 100 PSI, 1 H.P., 115/230, 1725 RPM, Model 22870A, Serial 0286

Steel Ground Storage - 28,250 Gallons

Steel Pneumatic Storage - 5,500 Gallons

Chlorination Equipment - Wallace & Terirnan

- 1 - V100 Chlorinator
- 1 - Injector
- 2 - Regulators
- 1 - Dual Scale

Kingsley Service Company - Heritage Farms System

December 31, 1989

POWER AND PUMPING EQUIPMENT - SCHEDULE W-8

Orange Park South Water Plant

Year Constructed: 1986, 1989
Well Construction: Steel Casing
Depth of Well: 1,000 Feet
Diameter of Wells: One 12" x 8", One 16" x 12"
Yield of Wells: 5,155,200 G.P.D.
Design Flow Per D.E.R.: 1,500,000 G.P.D.
Method of Measurement: Flow Meters/Pump Hour Clocks

Peerless
Well Pump #1
Serial #T1-37560
GPM 1400 RPM 1760
TDH 50 Model 12MB-1

Newman
Well Pump Motor
Serial #S21966506
H.P. 30 RPM 1770
Volts 230/460 AMPS 84/42

Peerless
Well Pump #2
Serial #T1-77452
GPM 2180 RPM 1770
14HxB-2

Newman
Well Pump #2
Serial #RB657B
H.P. 75 RPM 1775
Volts 460

Aurora High Service Pump #1
Serial #86-06977-1 Type 411BF
Size 4x5x15 GPM 800 Head FT 133
RPM 1750

High Service #1 Motor
Reliance Frame 324T, H.P. 40
Volts 460/230, Phase 3, AMPS 100/50
I.D. #P23G0311J-615-RM/MN 2018

Aurora High Service Pump #2
Serial #86-06977-2 Type 411BF
Size 4x5x15 GPM 800 Head FT 133
RPM 1750

High Service #2 Motor
Reliance Frame 324T, H.P. 40
Volts 460/230 Phase 3 AMPS 100/50
I.D. #P3260311J-609-QM/MN 1800

Aurora High Service Pump #3
Serial #86-06997-3 Type 411BF
Size 4x5x15 Gpm 800 Head FT133
RPM 1750

High Service #3 Motor
Reliance Frame 324T H.P. 40
Volts 460/230 Phase 3 AMPS 100/50
I.D. #P3260311J-601-QM/MN 1800

Air Compressor - Quincy
Serial FE 325-352204-01
Baldor Electric Motor
H.P. 5 Frame 184T Phase 3
Amps 14/7 Volts 230/460

Generator - Standby
Onan Model 300 ODVH-47R/29167B
Serial #G8060832488
Hertz 60 RPM 1800, KW 300, KVA 375
Engine 6 cyl, Komatsu Diesel,
Model 06152TA-A, Serial 11094

Steel Ground Storage - 250,000 Gallons
Steel Pneumatic Storage - 10,000 Gallons

Chlorination Equipment - Wallace & Terirnan

- 3 - V100 Chlorinators
- 3 - Injectors
- 2 - Switch Over Regulators
- 1 - Dual Scales
- 1 - Gas Detector - Model 1610
- 1 - Dayton Vent Fan

UTILITY NAME: Kingsley Service Company
 UTILITY SYSTEM: Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 1989

SOURCE OF SUPPLY

List for each source of supply:

Gals. per day of source	SEE ATTACHED SCHEDULES W-8A to W-8J		
Type of source	-----	-----	-----

WATER TREATMENT FACILITIES

List for each water treatment facility:

Type	SEE ATTACHED SCHEDULES W-8A to W-8J		
Make	-----	-----	-----
Gals. per day capacity	-----	-----	-----
Method of measurement	-----	-----	-----

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system not physically connected with another facility. A separate page should be supplied where necessary.

1. Present ERC's * that system can efficiently serve. 1,546 **
2. Estimated annual increase in ERC's * . 100 E.R.C.'s
3. List fire fighting facilities and capacities. System delivers sufficient water supply for 60 fire hydrants
4. List percent of certificated area where service connections are installed (total for each county). 100%
5. What is the current need for system upgrading and/or expansion? None except for normal growth related items.
6. What are plans for future system upgrading and/or expansion? None except for normal growth related items.
7. Have questions 6 and 7 been discussed with an engineer (if so, state name and address)? Alan W. Potter, P.E., 6957 Lillian Road, Jacksonville, Fla. 32211
8. Have questions 6 and 7 been discussed with appropriate state sanitary engineering office? Yes

** Company has experienced up to 720 G.p.D. per E.R.C. on Peak days.

** Based on 16 hour day

ERC = (Total Gallons Sold / 365 days) / 350 Gallons Per Day

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

UTILITY SYSTEM: Heritage Farms System

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	622	622
3/4"	Displacement	1.5	---	---
1"	Displacement	2.5	6	15
1 1/2"	Displacement or Turbine	5.0	---	---
2"	Displacement, Compound or Turbine	8.0	4	32
3"	Displacement	15.0	---	---
3"	Compound	16.0	---	---
3"	Turbine	17.5	---	---
4"	Displacement or Compound	25.0	---	---
4"	Turbine	30.0	---	---
6"	Displacement or Compound	50.0	---	---
6"	Turbine	62.5	---	---
8"	Compound	80.0	---	---
8"	Turbine	90.0	---	---
10"	Compound	115.0	---	---
10"	Turbine	145.0	---	---
12"	Turbine	215.0	---	---
Total Water System Meter Equivalents				669

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

$$\left(\frac{61,093,000}{(\text{total gallons sold})} / 365 \text{ days} \right) / 350 \text{ gpd} = 478$$

**SEWER
OPERATION
SECTION**

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
 DECEMBER 31, 1989

SEWER UTILITY PLANT ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	PREVIOUS YEAR (c)	ADDITIONS (d)	RETIREMENTS (e)
351	Organization	\$ -0-	\$	\$
352	Franchises	-0-		
353	Land and Land Rights	427,325		
354	Structures and Improvements	422,014	336,690	
360	Collection Sewers - Force	2,037,302	243,151	
361	Collection Sewers - Gravity	9,216,232	514,086	
362	Special Collecting Structures	4,970		
363	Services to Customers	556,226	13,435	
364	Flow Measuring Devices	2,791	304	
365	Flow Measuring Installations	-0-		
370	Receiving Wells	178,974	126,602	
371	Pumping Equipment	651,202	11,893	
380	Treatment and Disposal Equip.	2,416,127	104,124	
381	Plant Sewers	-0-		
382	Outfall Sewer Lines	515,322		
389	Other Plant and Miscellaneous Equipment	4,807	4,411	
390	Office Furniture and Equip.	92,198	9,088	
391	Transportation Equipment	151,871		69,273
392	Stores Equipment	-0-		
393	Tools, Shop and Garage Equip.	1,408		
394	Laboratory Equipment	3,420		
395	Power Operated Equipment	4,843	19,133	
396	Communication Equipment	20,851		
397	Miscellaneous Equipment	-0-		
398	Other Tangible Plant	9,124		
	Total Sewer Plant	\$ 16,717,007	\$ 1,382,917	\$ 69,273

NOTE: Any adjustments made to reclassify property from one account to another must be footnoted.

SEWER UTILITY PLANT MATRIX

	.1	.2	.3	.4	.5
CURRENT YEAR (f)	INTANGIBLE PLANT (g)	COLLECTION PLANT (h)	SYSTEM PUMPING PLANT (i)	TREATMENT AND DISPOSAL PLANT (j)	GENERAL PLANT (k)
\$ -0-	\$ -0-	\$XXXXXXXXXXXXXX	\$XXXXXXXXXXXXXX	\$XXXXXXXXXXXXXX	\$XXXXXXXXXXXXXX
-0-	-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
427,325	XXXXXXXXXXXXXX	61,376	415	291,129	74,405
758,704	XXXXXXXXXXXXXX	10,696	144,683	603,325	-0-
2,280,453	XXXXXXXXXXXXXX	2,280,453	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
9,730,318	XXXXXXXXXXXXXX	9,730,318	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
4,970	XXXXXXXXXXXXXX	4,970	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
569,661	XXXXXXXXXXXXXX	569,661	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
3,095	XXXXXXXXXXXXXX	3,095	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
305,576	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	305,576	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
663,095	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	663,095	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
2,520,251	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	2,520,251	XXXXXXXXXXXXXX
-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXX
515,322	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	515,322	XXXXXXXXXXXXXX
9,218	-0-	-0-	-0-	9,218	XXXXXXXXXXXXXX
101,286	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	101,286
82,598	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	82,598
-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	-0-
1,408	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	1,408
3,420	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	3,420
23,976	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	23,976
20,851	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	20,851
-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	-0-
9,124	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	9,124
\$ 18,030,651	\$ -0-	\$ 12,660,569	\$ 1,113,769	\$ 3,939,245	\$ 317,068

S-1(b)

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
DECEMBER 31, 19 89

SEWER UTILITY EXPENSE ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	CURRENT YEAR (c)	.1 COLLECTION EXPENSES - OPERATIONS (d)	.2 COLLECTION EXPENSES - MAINTENANCE (e)
701	Salaries and Wages - Employees	\$ 363,504	\$ 25,881	\$ 45,365
703	Salaries and Wages - Officers, Directors and Majority Stockholders	124,860	-0-	-0-
704	Employee Pensions and Benefits	46,194	-0-	-0-
710	Purchased Sewage Treatment	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
711	Sludge Removal Expense	8,340	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
715	Purchased Power	357,352	-0-	XXXXXXXXXXXXXXXX
716	Fuel for Power Purchased	2,577	-0-	XXXXXXXXXXXXXXXX
718	Chemicals	38,205	-0-	-0-
720	Materials and Supplies	168,048	-67	-672
731	Contractual Services - Eng.	2,870	-0-	-0-
732	Contractual Services - Acct.	2,755	-0-	-0-
733	Contractual Services - Legal	7,188	-0-	-0-
734	Contractual Services - Management Fees	108,588	-0-	-0-
735	Contractual Services - Other	97,765	-0-	34,296
741	Rental of Building/Real Property	13,082	460	-0-
742	Rental of Equipment	3,181	433	-0-
750	Transportation Expenses	24,295	7,320	-0-
756	Insurance - Vehicle	7,231	-0-	-0-
757	Insurance - General Liability	20,220	-0-	-0-
758	Insurance - Workman's Compensation	7,851	-0-	-0-
759	Insurance - Other	-0-	-0-	-0-
760	Advertising Expense	2,600	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
766	Regulatory Commission Expenses - Amortization of Rate Case Expense	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
767	Regulatory Commission Expenses - Other	2,614	-0-	-0-
770	Bad Debt Expense	13,003	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
775	Miscellaneous Expenses	39,115	-0-	-0-
	Total Sewer Utility Expenses	\$ 1,461,438	\$ 34,161	\$ 80,333

SEWER EXPENSE ACCOUNT MATRIX

.3 PUMPING EXPENSES - OPERATIONS (f)	.4 PUMPING EXPENSES - MAINTENANCE (g)	.5 TREATMENT & DISPOSAL EXPENSES - OPERATIONS (h)	.6 TREATMENT & DISPOSAL EXPENSES - MAINTENANCE (i)	.7 CUSTOMER ACCOUNTS EXPENSE (j)	.8 ADMINISTRATIVE & GENERAL EXPENSES (k)
\$ 44,457	\$ 13,995	\$ 98,328	\$ 16,140	\$ 46,456	\$ 72,882
-0-	-0-	-0-	-0-	-0-	124,860
-0-	-0-	-0-	-0-	-0-	46,194
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	8,340	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
112,602	XXXXXXXXXXXXXXXX	241,856	XXXXXXXXXXXXXXXX	-0-	2,894
876	XXXXXXXXXXXXXXXX	1,701	XXXXXXXXXXXXXXXX	-0-	-0-
2,984	-0-	35,221	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
1,613	44,936	13,982	73,403	13,377	19,998
-0-	-0-	-0-	-0-	-0-	2,870
-0-	-0-	-0-	-0-	-0-	2,755
-0-	-0-	-0-	-0-	-0-	7,188
-0-	-0-	-0-	-0-	-0-	108,588
10,441	24,754	5,416	12,876	1,173	8,809
-0-	-0-	-0-	-0-	-0-	12,622
144	99	-0-	-0-	2,505	-0-
7,833	-0-	8,542	41	-0-	559
-0-	-0-	-0-	-0-	-0-	7,231
-0-	-0-	-0-	-0-	-0-	20,220
-0-	-0-	-0-	-0-	-0-	7,851
-0-	-0-	-0-	-0-	-0-	-0-
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	2,600
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	-0-	-0-	-0-	-0-	2,614
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	13,003	XXXXXXXXXXXXXXXX
14,676	332	14,531	121	293	9,162
\$ 195,626	\$ 84,116	\$ 427,917	\$ 102,581	\$ 76,807	\$ 459,897

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
 DECEMBER 31, 1989

SEWER OPERATING REVENUE

ACCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS (c)	YEAR END NUMBER CUSTOMERS (d)	AMOUNTS (e)
	Operating Revenues:			
	Flat Rate Revenues:			
521.1	Residential Revenues	2	2	\$ 379
521.2	Commercial Revenues	-0-	-0-	-0-
521.3	Industrial Revenues	-0-	-0-	-0-
521.4	Revenues From Public Authorities	-0-	-0-	-0-
521.5	Multiple Family Dwelling Revenues	45	40	6,618
521.6	Other Revenues	-0-	-0-	-0-
	Total Flat Rate Revenues	47	42	\$ 6,997
	Measured Revenues:			
522.1	Residential Revenues	9,258	9,721	\$ 1,427,135
522.2	Commercial Revenues	869	903	672,642
522.3	Industrial Revenues	-0-	-0-	-0-
522.4	Revenues From Public Authorities	-0-	-0-	-0-
522.5	Multiple Family Dwelling Revenues	-0-	-0-	-0-
	Total Measured Revenues	10,127	10,624	\$ 2,099,777
523	Revenues From Public Authorities	-0-	-0-	\$ -0-
524	Revenues From Other Systems	-0-	-0-	-0-
525	Interdepartmental Revenues	-0-	-0-	-0-
	Totals	10,174	10,666	\$ 2,106,774
	Other Sewer Revenues:			
530	Guaranteed Revenues			\$
531	Sale Of Sludge			
532	Forfeited Discounts			
534	Rents From Sewer Property			
535	Interdepartmental Rents			
536	Other Sewer Revenues <u>Portalett Dumping</u>			2,337
	Total Other Sewer Revenues			\$ 2,337
	Total Sewer Operating Revenues			\$ 2,109,111

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
 DECEMBER 31, 19 89

BASIS FOR SEWER DEPRECIATION CHARGES

ACCT. NO. (a)	ACCOUNT NAME (b)	AVERAGE SERVICE LIFE IN YEARS (c)	AVERAGE NET SALVAGE IN PERCENT (d)	DEPRECIATION RATE APPLIED IN PERCENT (100% - d) / c (e)
354	Structures and Improvements		%	%
360	Collection Sewers - Force		%	%
361	Collection Sewers - Gravity		%	%
362	Special Collecting Structures		%	%
363	Services to Customers		%	%
364	Flow Measuring Devices		%	%
365	Flow Measuring Installations		%	%
370	Receiving Wells		%	%
371	Pumping Equipment		%	%
380	Treatment and Disposal Equip.		%	%
381	Plant Sewers		%	%
382	Outfall Sewer Lines		%	%
389	Other Plant and Miscellaneous Equipment		%	%
390	Office Furniture and Equip.		%	%
391	Transportation Equipment		%	%
392	Stores Equipment		%	%
393	Tools, Shop and Garage Equip.		%	%
394	Laboratory Equipment		%	%
395	Power Operated Equipment		%	%
396	Communication Equipment		%	%
397	Miscellaneous Equipment		%	%
398	Other Tangible Plant		%	%
	Sewer Plant Composite Depreciation Rate *	31.25	0 %	3.2 %

* If depreciation rates prescribed by this Commission are on a total composite basis, entries should be made on this line only.

UTILITY NAME: Kingsley Service Company
Orange Park System

YEAR OF REPORT
 DECEMBER 31, 19 89

ANALYSIS OF ENTRIES IN SEWER ACCUMULATED DEPRECIATION

ACCT. NO. (a)	ACCOUNT NAME (b)	BALANCE AT BEGINNING OF YEAR (c)	ACCRUALS (d)	OTHER CREDITS * (e)	TOTAL CREDITS (d+e) (f)
354	Structures and Improvements	\$	\$	\$	\$
360	Collection Sewers - Force				
361	Collection Sewers - Gravity				
362	Special Collecting Structures				
363	Services to Customers				
364	Flow Measuring Devices				
365	Flow Measuring Installations				
370	Receiving Wells				
371	Pumping Equipment				
380	Treatment and Disposal Equip.				
381	Plant Sewers				
382	Outfall Sewer Lines				
389	Other Plant and Miscellaneous Equipment				
390	Office Furniture and Equip.				
391	Transportation Equipment				
392	Stores Equipment				
393	Tools, Shop and Garage Equip.				
394	Laboratory Equipment				
395	Power Operated Equipment				
396	Communication Equipment				
397	Miscellaneous Equipment				
398	Other Tangible Plant				
	Total Depreciable Sewer Plant In Service	\$ 3,451,671	\$ 542,288	\$ -0-	\$ 542,288

* Specify nature of transaction.
 Use () to denote reversal entries.

S-5(a)

ANALYSIS OF ENTRIES IN SEWER ACCUMULATED DEPRECIATION (Cont'd)

[illegible]

S-5(b)

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

UTILITY SYSTEM: Heritage Farms System

PUMPING EQUIPMENT

Lift station number	---	---	---	---	---	---
Make or type and nameplate data of pump	SEE ATTACHED SCHEDULES S-6A to S-6G					
---	---	---	---	---	---	---
Year installed	---	---	---	---	---	---
Rated capacity	---	---	---	---	---	---
Size	---	---	---	---	---	---
Power:	---	---	---	---	---	---
Electric	---	---	---	---	---	---
Mechanical	---	---	---	---	---	---
Nameplate data of motor	---	---	---	---	---	---
---	---	---	---	---	---	---

Lift station number	---	---	---	---	---	---
Make or type and nameplate data of pump	SEE ATTACHED SCHEDULES S-6A to S-6G					
---	---	---	---	---	---	---
Year installed	---	---	---	---	---	---
Rated capacity	---	---	---	---	---	---
Size	---	---	---	---	---	---
Power:	---	---	---	---	---	---
Electric	---	---	---	---	---	---
Mechanical	---	---	---	---	---	---
Nameplate data of motor	---	---	---	---	---	---
---	---	---	---	---	---	---

SERVICE CONNECTIONS

	Miller St.	Fleming Oaks				
Size (inches)	4" & 6"	4" & 6"	---	---	---	---
Type (PVC, VCP, etc.)	VCP & PVC	VCP & PVC	---	---	---	---
Average length	10' to 50'	10' to 50'	---	---	---	---
Number of active service connections	Combined 10,666	---	---	---	---	---
Beginning of year	10,174	---	---	---	---	---
Added during year	2,188	---	---	---	---	---
Retired during year	---	---	---	---	---	---
End of year	12,362	---	---	---	---	---
Give full particulars concerning inactive connections	Inactive connections are from new developments where houses are not built and normal vacancies.					
---	---	---	---	---	---	---

Kingsley Service Company - Orange Park System

December 31, 1989

PUMPING EQUIPMENT - SCHEDULE S-6

LIFT STATIONS

#0 Honda Store - Wells Road (Installed 12/83, relocated to present location 1/19/85)

Pump No. 1, Gorman-Rupp, 3" -13C2B, 250 GPM @ 55' TDH, 10 H.P. Reliance Motor, 1755 RPM, F215T, 230/460/3/60 Serial #502676

Pump No. 2, Gorman-Rupp, 3" -13C2B, 250 GPM @ 55' TDH, 10 H.P. Reliance Motor, 1755 RPM, F215T, 230/460/3/60 Serial #333223

Model 120 - Air Compressor

#1 Lucy Branch (Installed July, 1972)

Pump No. 1, Gorman-Rupp, 4" -T4A3B, 200 GPM @ 25' TDH, 25 H.P. Reliance Motor, 1765 RPM, F284T, 230/480/3/60 Serial #539650

Pump No. 2, Gorman-Rupp, 4" -T4A3B, 200 GPM @ 25' TDH, 25 H.P. Reliance Motor, 1765 RPM, F284T, 230/480/3/60 Serial #539667

Air Compressor, Quincy, X-2, Piston, 1/3 H.P. Dayton Motor, 1725 RPM, F56, 110/1/60, Includes 1 - 10,000 Gallon Surge Tank

#2 Hollycrest (Installed 2/68, revised 1974)

Pump No. 1, Gorman-Rupp, 4" -T4A3B, 200 GPM @ 25' TDH, 25 H.P. Reliance Motor, 1765 RPM, F284T, 230/460/3/60 Serial #539668

Pump No. 2, Gorman-Rupp, 4" -T4A3B, 220 GPM @ 25' TDH, 25 H.P. Reliance Motor, 1765 RPM, F284T, 230/460/3/60 Serial #773636

Model 120 - Air Compressor

Generator-Kohler, 70 KW, Model #70RZ02 (completed February, 1984)

#3 Foxbay (Installed 12/71, New Building & New Pumps Installed 1978)

Pump No. 1, Gorman-Rupp, 3" -T3A3B, 225 GPM @ 70' TDH, 10 H.P. Westinghouse Motor, 1750 RPM, F215T, 230/460/3/60 Serial #659149 Cat.-0510H45BOP-MKB

Pump No. 2, Gorman-Rupp, 3" -T3A3B, 225 GPM @ 70' TDH, 10 H.P. Westinghouse Motor, 1750 RPM, F215T, 230/460/3/60 Serial #659142 Cat.-0510H45BOP-MKB

Air Compressor is a Silent Giant

#3A Egrets Walk (Installed 12/82, relocated to present location 8/87)

Pump No. 1, Gorman-Rupp, 3" - 13C2B, 150 GPM @ 70" TDH, 7.5. H.P. Westinghouse Motor, 1765 RPM, F213T, 230/460/3/60 Serial #502694 Cat.-05-7.5H46BOP-MKB

Pump No. 2, Gorman-Rupp, 3" - 13C2B, 150 GPM @ 70' TDH, 7.5 H.P. Westinghouse Motor, 1765 RPM, F213T, 230/460/3/60 Serial #502696 Cat.-05-7.5H46BOP-MKB

Kingsley Service Company - Orange Park System

December 31, 1989

PUMPING EQUIPMENT - SCHEDULE S-6

LIFT STATIONS

#6 Blairmore Boulevard (Bellair Apartments) (Installation Date Unknown)

Pump No. 1, Gorman-Rupp, 4" -14A2B, 200 GPM @ 50' TDH, 7.5 H.P. Gould Motor, 1750 RPM, F213T, 230/460/3/60 Serial #260930

Pump No. 2, Gorman-Rupp, 4" -14A2B, 200 GPM @ 50' TDH, 7.5 H.P. Gould Motor, 1750 RPM, F213T, 230/460/3/60 Serial #438204

Air Compressor - Model 120

#7 Pine Island (Installed August, 1987)

Pump No. 1, Gorman-Rupp, 3" - 13C2B, 150 GPM @ 30' TDH, 10 H.P. Baldor Motor, 1750 RPM, F256T, 230 Volts, Serial #485462 Cat.-M3311T

Pump No. 2, Gorman-Rupp, 3" - 13C2B, 150 GPM @ 30' TDH, 10 H.P. Baldor Motor, 1750 RPM, F256T, 230 Volts, Serial #485467 Cat.-M3311T

#8 Loch Rane, Unit 5 (Installed November 9, 1984) (Out of Service 11/89)

Pump No. 1, Gorman-Rupp, 3" -13C2B, 140 GPM @ 55' TDH, 5 H.P. Baldor Motor, 1745 RPM, F213T, 230

Pump No. 2, Gorman-Rupp, 3" -13C2B, 140 GPM @ 55' TDH, 5 H.P. Lincoln Motor, 1745 RPM, F184T, 230

#9 318 Parkwood Drive (Water Plant) (Installation Date Unknown)

Pump No. 1, Gorman-Rupp, 4" -14B2B, 200 GPM @ 20" TDH, no serial # on pump 7.5 H.P. Reliance Motor, I.D. #P21G11D, F-213T

Pump No. 2, Gorman-Rupp, 4" -14B2B, 250 GPM @ 20' TDH, Serial #304714N, 7.5 H.P. Reliance Motor, 1760 RPM, F213T, 230/460/3/60, ID.#P21G11A

Air Compressor - Model 120

#11 Lester Drive & Blanding Boulevard (Installation Date Unknown)

Pump No. 1, Peabody Barnes, 4", 150 GPM @ 57' TDH, 7.5 H.P. Reliance Motor, 1750 RPM, 4SEH502, 230/460/3/60 Serial #7B07778564

Pump No. 2, Peabody Barnes, 4", 150 GPM @ 57' TDH, 7.5 H.P. Reliance Motor, 1750 RPM, 4SEH502, 230/460/3/60

Air Compressor - Model 120

#13 Massey Villas (Installed December, 1971)

Pump No. 1, Gorman-Rupp, 3" -13C2B, 150 GPM @ 30' TDH, 10 H.P. Baldor Motor, 1725 RPM, F215T, 250/460 Serial #477766

Kingsley Service Company - Orange Park System

December 31, 1989

PUMPING EQUIPMENT - SCHEDULE S-6

LIFT STATIONS

Pump No. 2, Gorman-Rupp, 3" -13C2B, 150 GPM @ 30' TDH, 10 H.P. Baldor Motor, 1725 RPM, F215T, 250/460 Serial #487645

3 Phase Power Supply 10-20 Arco Roto Phase

#14 Aquarius Concourse (Installed, February, 1977)

Pump No. 1, Gorman-Rupp, 4" -T4A3B, 225 GPM @ 80' TDH, Serial #832055, 30 H.P., U.S. Electrical Motor, 230/460 Serial #621437

Pump No. 2, Gorman-Rupp, 4" -T4A3B, 225 Gpm @ 80' TDH, 30 H.P., U.S. Electrical Motor, 230/460 Serial #621462

#16 Admirals Walk (Installed 1974)

Pump No. 1, Gorman-Rupp, 3" -T3A3B, 200 GPM @ 65' TDH, 15 H.P. Reliance Duty Master Motor, 1765 RPM, F254T, 230/460/3/60 Serial #535267

Pump #2, Gorman-Rupp, 3" -T3A3B, 200 GPM @ 65' TDH, 15 H.P. Reliance Duty Master Motor, 1765 RPM, F254T, 230/460/3/60 Serial #342042

#17 Foxridge (Installed 1981)

Pump No. 1, Gorman-Rupp, 3" -T3A3B, 200 GPM @ 30' TDH, 7.5 H.P. Baldor A.C. Motor, 1725 RPM, F213T, 230/460/3/60, Serial #612180 Cat.-M3311T

Pump No. 2, Gorman-Rupp, 3" -T3A3B, 200 GPM @ 30' TDH, 7.5 H.P. Baldor A.C. Motor, 1725 RPM, F213T, 230/460/3/60 Serial #612189 Cat.-M3311T

#18 Wells Road (Installed October, 1983)

Pump No. 1, Gorman-Rupp, 6" -T6A3B, 450 GPM @ 50' TDH, 15 H.P. Lincoln Motor, 1765 RPM, F254T, 230/460/3/60 Serial #1003181, Serial #513074

Pump No. 2, Gorman-Rupp, 6" -T6A3B, 450 GPM @ 50' TDH, 15 H.P. Lincoln Motor, 1765 RPM, F254T, 230/460/3/60 Serial #584447, Serial #420224

Air Compressor Model 120

#19 Fleming Oaks (Installed 1973)

Pump No. 1, Gorman-Rupp, 3" 13C2B, 100 GPM @ 50' TDH, 5 H.P. Ajax Motor, 1740 RPM, F184T, 115/230/3/60 Model-M5184T Serial #509517

Pump No. 2, Gorman-Rupp, 3" 13C2B, 100 GPM @ 50' TDH, 5.H.P. Ajax Motor, 1725 RPM, F184T, 115/230/3/60 model-M5184T Serial #505235

Air Compressor - Model 120

Kingsley Service Company - Orange Park System

December 31, 1989

PUMPING EQUIPMENT - SCHEDULE S-6

LIFT STATIONS

#21 Foxridge (Installed 1976)

Pump No. 1, Gorman-Rupp, T4A3B, 225 GPM @ 80' TDH, 20 H.P. Lincoln Motor, 1760 RPM, F256T, 230/460/3/60 Serial #831123 Serial-No Plate

Pump No. 2, Gorman-Rupp, T4A3B, 225 GPM @ 80' TDH, 20 H.P. Reliance Motor, 1760 RPM, F256T, 230/460/3/60 Serial #F25G12AFU Serial-No Plate

#22 Loch Rane (Installed 1976) (OUT OF SERVICE 11/89)

Pump No. 1, Gorman-Rupp, 4" -T4A3B, 300 GPM @ 70' TDH, 25 H.P. Baldor Motor, 1760 RPM, F284T, 230/460/3/60

Pump No. 2, Gorman-Rupp, 4" -T4A3B, 300 GPM @ 70' TDH, 25 H.P. Baldor Motor, 1760 RPM, F284T, 230/460/3/60

#23 Lakeside Estates, Unit 10 (Pecan Cove) (Installed 1976)

Pump No. 1, Peabody Barnes, Serial #7307928615, Model #45EH752, 4," 230 Volts

Pump No. 2, Peabody Barnes, Serial #7307928616, Model #45EH752, 4", 230 Volts

#24 The Springs (Installed February, 1978)

Pump No. 1, Gorman-Rupp, T3A3B, 110 GPM @ 90' TDH, 10 H.P. Baldor Motor, 1725 RPM, F215, 230/460/3/60 Serial #628230

Pump No. 2, Gorman-Rupp, T3A3B, 100 GPM @ 90 TDH, 10 H.P. Baldor Motor, 1725 RPM, F215, 230/460/3/60 Serial #493514

#26 Blanding Boulevard (Installed February, 1980)

Pump No. 1, Gorman-Rupp, T4A3B, 300 GPM @ 40" TDH, 15 H.P. U.S. Motor, 1740 RPM, F215T, 230/460/3/60 Serial #700223

Pump No. 2, Gorman-Rupp, T4A3B, 300 GPM @ 40' TDH, 15 H.P. U.S. Motor, 1740 RPM, F215T, 230/460/3/60 Serial #700213

Air Control-Silent Giant Model 120

#27 Oak Drive (Installed August, 1980)

Pump No. 1, Gorman-Rupp, T3A3B, 200 GPM @ 70' TDH, 7.5 H.P. Baldor Motor, 1750 RPM, F213T, 230/460/3/60 Cat.-M3710T, Serial #680697

Pump No. 2, Gorman-Rupp, T3A3B, 200 GPM @ 70' TDH, 7.5 H.P. Baldor Motor, 1750 RPM, F213T, 230/460/3/60 Cat.-M3710T, Serial #680696

#28 Bartlett Avenue - Bellair, Unit #9 (Installed November, 1980)

Pump No. 1, Gorman-Rupp, T6A2B, 1000 GPM @ 50' TDH, 25 H.P. Baldor Motor, 1760 RPM, 230/460/3/60 Frame 284T, Serial #436132

Kingsley Service Company - Orange Park System

December 31, 1989

PUMPING EQUIPMENT - Schedule S-6

LIFT STATIONS

Pump No. 2, Gorman-Rupp, 6" -T6A2B, 1000 GPM @ 50' TDH, 25 H.P. Reliance Motor, 1765 RPM, 230/460/3/60 Frame 184T, Serial #463387

Air Compressor, Model 120

#29 Westshore (340 Westshore Dr.) (Installed June 18, 1984)

Pump No. 1, Gorman-Rupp, 3" -T3A3B, 300 GPM @ 55' TDH, 10 H.P. Baldor Motor, 1725 RPM, F215T, 240/460/3/60 Cat.-M3313T, Serial #607424

Pump No. 2, Gorman-Rupp, 3" -T3A3B, 300 GPM @ 55' TDH, 10 H.P. Baldor Motor, 1725 RPM, F215T, 240/460/3/60 Cat.-M3313T, Serial #608702

#30 Heritage Hills, Unit 5 (Installed January 16, 1985)

Pump No. 1, Gorman-Rupp, 6" -T6A60-B, 700 GPM @ 75" TDH, 40 H.P. Baldor M2539T Motor, 1760 RPM, F324T, 230/460/3/60, Woods SFT 40 Soft Start Serial #804686

Pump No. 2, Gorman-Rupp, 6" -T6A60-B, 700 GPM @ 75" TDH, 40 H.P. Baldor M2539T Motor, 1760 RPM, F324T, 230/460/3/60, Woods SFT 40 Soft Start Serial #804688

ONAN Generator - Model #100, ODGDB-L/27619A, Serial D870887604, 1800 RPM, 100 KW, 125 KVA, 60 HZ, with Cummins diesel engine, model 6BT, 5.9 L., 166 H.P., 1800 RPM, Serial #44199684

ONAN Transfer Switch - Model #OTCU300-G/15G, Serial C870880393, 300 AMP, 3 PH, 60 HZ

Daton Speedwire Compressor - Model #32852, 3/4 H.P. with Dayton 3 H.P. Motor, 208/230/3/60, 3500 RPM, FH145T

Includes 1-10,000 gallon Surge Tank

#31 Peters Creek (Installed December, 1984)

Pump No. 1, Gorman-Rupp, 4" -T4A60B, 400 GPM @ 75" TDH, 20 H.P. Baldor motor, 1725 RPM, F256T, 230/460/3/60 Cat.-M2515T Serial #802693N

Pump No. 2, Gorman-Rupp, 4" -T4A60B, 400 GPM @ 75" TDH, 20 H.P. Baldor motor, 1725 RPM, F256T, 230/460/3/60 Cat.-M2515T Serial #800437N

#33 Fox Chase (Installed October, 1987)

Pump No. 1, EMPO, EMPO Sub. Motor, 300 GPM @ 101' TDH, 20 H.P., 1750 RPM, 208 Volts, Electromate Control Panel

Pump No. 2, EMPO, EMPO Sub. Motor, 300 GPM @ 101' TDH, 20 H.P., 1750 RPM, 208 Volts, Electromate Control Panel

Electromate Control Panel - 240285

Kingsley Service Company - Orange Park System
December 31, 1989

PUMPING EQUIPMENT - Schedule S-6
LIFT STATIONS

#34 - 1076 Miller Street (Installed 1986)

Pump No. 1, Peabody Barnes, Reliance Sub. Motor 7.5 H.P., 230 Volts -
1750 RPM, Electromate Control Panel-Serial #73077 MB18651, Mdl -4SEH752

Pump No. 2, Peabody Barnes, Reliance Sub. Motor 7.5 H.P., 230 Volts -
1750 RPM, Electromate Control Panel-Serial #73077 MB18654, Mdl -4SEH752

#36 - 1863 Wells Road (Wellington Place Apts.) (Installed 1986)

Pump No. 1, Peabody Barnes, 489 GPM @ 60' TDH, 15 H.P., Reliance Sub.
Motor, 230 volts, 1750 RPM, Electromate Control Panel, Serial
#7308148646, Model 4SEH1002

Pump No. 2, Peabody Barnes, 489 GPM @ 60' TDH, 15 H.P., Reliance Sub.
Motor, 230 volts, 1750 RPM, Electromate Control Panel, Serial
#7308148647, Model 4SEH1002

#38 - 1989 Wells Road (84 Lumber Co.) (Installed June 16, 1986)

Pump No. 1, Beabody Barnes, 296 GPM @ 57.5' TDH, 11.3 H.P., Reliance
Sub. Motor, 1750 RPM, 230 volts, Electromate Control Panel, Serial
#7307938609, Model #4SEH752

Pump No. 2, Beabody Barnes, 296 GPM @ 57.5' TDH, 11.3 H.P., Reliance
Sub. Motor, 1750 RPM, 230 volts, Electromate Control Panel, Serial
#7307938610, Model #4SEH752

#40 Orange Park Country Club #1 (Installed 1989)

Pump No. 1, Gorman-Rupp T6AB-B, Serial #899909, GPM @ TDH, Baldor Motor,
30 H.P., Cat. #M2535T, 230/460 volts, 1760 RPM, Frame 286T, 3 phase

Pump No. 2, Gorman-Rupp T6AB-B, Serial #899910, GPM @ TDH, Baldor Motor,
30 H.P., Cat. #M2535T, 230/460 volts, 1760 RPM, Frame 286T, 3 phase

Cummins A.C. Generator, Model #6BT59-GL2, 100 KW, 125 KVA, PF .8, 230/460
volts, ID #100BT62/30481C, Serial #E890235121, with Cummins diesel engine,
5.9l., Series B, CPL0698, Serial #44351398, 166 H.P., 1800 RPM, model
6BT-5.9-G2

500 gallon fuel tank

Dayton Speedaire Compressor, Serial #CW0017089

10,000 gallon surge tank

Onan transfer switch, Model #OTCU 400G15G, Serial #2110

Electromate control panel #244096

#41 River Passage (Installed October, 1987)

Pump No. 1, Peabody Barnes, 190 GPM @ 76' TDH, 15 H.P. Reliance Sub.
Motor, 230 volts, 1750 RPM, Electromate Control Panel, Factory #241139
Model #4SEH1002

Kingsley Service Company - Orange Park System

December 31, 1989

PUMPING EQUIPMENT - Schedule S-6

LIFT STATIONS

Pump No. 2, Peabody Barnes, 190 GPM @ 76' TDH, 15 H.P. Reliance Sub. Motor, 230 volts, 1750 RPM, Electromate Control Panel, Factory #241139 Model #4SEH1002

#42 Orange Park Country Club #2 (Installed 1989)

Pump No. 1, Peabody Barnes, 4", 170 GPM @ 80' TDH, 4SEH1002, Serial #73081CV589-49, Reliance 15 H.P., 200 volts, 1750 RPM

Pump No. 2, Peabody Barnes, 4", 170 GPM @ 80' TDH, 4SEH1002, Serial #73081CV589-48, Electromate Control Panel #244095-1

#44 Orange Park Country Club #3 (Installed 1989)

Pump No. 1, Peabody Barnes, 4", 170 GPM @ 80' TDH, 4SEH1002, Serial #73081CV589-51

Pump No. 2, Peabody Barnes, 4", 170 GPM @ 80' TDH, 4SEH1002, Serial #73081CV589-50, Electromate Control Panel

#47 Pace Island, Unit 4 (Installed October 4, 1988)

Pump No. 1, Peabody Barnes, 45EH 1002, 15 H.P. Sub, 230 volts, 243151 Electromate Control Panel, 3 Phase 280 GPM @ 72' TDH Serial #73081108715

Pump No. 2, Peabody Barnes, 45EH 1002, 15 H.P. Sub, 230 volts, 243151 Electromate Control Panel, 3 Phase 280 GPM @ 72' TDH Serial #7308148803

#49 Pace Island Unit 6 (Installed 1989)

Electromate Control Panel Serial #243152

Pump No. 1, Peabody Barnes, 4", 4SEH752, Serial #7307918790, Reliance Sub. Motor 11.5 H.P., 230 volts, 250 GPM @ 80' TDH

Pump No. 2, Peabody Barnes, 4", 4SEH752, Serial #7307948820, Reliance Sub. Motor 11.5 H.P., 230 volts, 250 GPM @ 80' TDH

Pace Island Entrance (Installed 1988)

Pump No. 1, Myers Sub, 2 H.P., 230/1/60, Electromate Control, Single Phase, 36 GPM @ 20' TDH

Lift Station Auxiliary Equipment

Portable Generator - Kohler, 30 KW, Model #30RZ02

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

UTILITY SYSTEM: Orange Park System

COLLECTING MAINS

COLLECTING MAINS:						
Size (inches) _____	SEE ATTACHED	SCHEDULES	S-7A to	S-7C	_____	_____
Type of main _____	_____	_____	_____	_____	_____	_____
Length of main (nearest foot):	_____	_____	_____	_____	_____	_____
Beginning of year _____	_____	_____	_____	_____	_____	_____
Added during year _____	_____	_____	_____	_____	_____	_____
Retired during year _____	_____	_____	_____	_____	_____	_____
End of year _____	_____	_____	_____	_____	_____	_____
MANHOLES:						
Size _____	4 ft.	_____	_____	_____	_____	_____
Type _____	P.C.	_____	_____	_____	_____	_____
Number:	_____	_____	_____	_____	_____	_____
Beginning of year _____	2,984	_____	_____	_____	_____	_____
Added during year _____	122	_____	_____	_____	_____	_____
Retired during year _____	-0-	_____	_____	_____	_____	_____
End of year _____	3,106	_____	_____	_____	_____	_____

FORCE MAINS

FORCE MAINS:						
Size (inches) _____	SEE ATTACHED	SCHEDULES	S-7A to	S-7C	_____	_____
Type of main _____	_____	_____	_____	_____	_____	_____
Length of main (nearest foot):	_____	_____	_____	_____	_____	_____
Beginning of year _____	_____	_____	_____	_____	_____	_____
Added during year _____	_____	_____	_____	_____	_____	_____
Retired during year _____	_____	_____	_____	_____	_____	_____
End of year _____	_____	_____	_____	_____	_____	_____

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

SYSTEM NAME: Orange Park System

TREATMENT PLANT

Manufacturer	SEE ATTACHED SCHEDULES S-8A to S-8I		
Type			
"Steel" or "Concrete"			
Total Capacity			
Average Daily Flow			
Effluent Disposal			
Total Gallons of Sewage Treated	1,388,529,000		

MASTER LIFT STATION PUMPS

Manufacturer					
Capacity	SEE ATTACHED SCHEDULES S-6A to S-6G				
Motor : Mfr.					
Horsepower					
Power (Electric or Mechanical)					

OTHER SEWER SYSTEM INFORMATION

- Maximum number of ERC's * which can be served. 19,436**
- Estimated annual increase in ERC's *. 500 - 1,000
- List permit numbers required by Chapter 17-4, Rules of the Department of Environmental Regulation (DER) for systems in operation. Schedule Attached
- State any plans and estimated completion dates for any enlargements of this system. A .625 M.G.D. expansion was completed at Miller St. STP in 1989.
- If present systems do not meet the requirements of Chapter 17-4, Rules of the DER, submit the following:
 - Evaluation of the present plant or plants in regard to meeting the DER's rules.
 - Plans for funding and construction of the required upgrading.
 - Have these plans been coordinated with the DER? -----
 - Do they concur? -----
 - When will construction begin? -----
- In what percent of your certificated area have service connections been installed? 90 %

** Plant Capacity $5,345,000 \div 275 = 19,436$

* ERC = (Total Gallons Treated / 365 days) / 275 Gallons Per Day

Note: Total Gallons Treated includes both sewage treated and purchased sewage treatment

December 31, 1989

**KINGSLEY SERVICE COMPANY
ORANGE PARK SYSTEM
COLLECTING INTERCEPTORS & FORCE MAINS - SCHEDULE S-7**

<u>Description</u>	<u>Pipe Diameter</u>	<u>Beginning of Year</u>	<u>Added During Year</u>	<u>Retired During Year</u>	<u>End of Year</u>
Collecting Mains:					
VC	6"	16,672	-0-	-0-	16,672
VC	8"	391,220	-0-	-0-	391,220
VC	10"	21,152	-0-	-0-	21,152
VC	12"	8,509	-0-	-0-	8,509
Cast/Ductile Iron	4"	304	-0-	-0-	304
Cast/Ductile Iron	6"	1,213	18	-0-	1,231
Cast/Ductile Iron	8"	33,749	80	-0-	33,829
Cast/Ductile Iron	10"	5,081	-0-	-0-	5,081
Cast/Ductile Iron	12"	1,334	-0-	-0-	1,334
Cast/Ductile Iron	30"	412	-0-	-0-	412
PVC	2 1/2"	780	-0-	-0-	780
PVC	4"	1,895	150	-0-	2,045
PVC	6"	32,022	11,254	-0-	43,276
PVC	8"	276,836	24,673	-0-	301,509
PVC	10"	22,734	4,100	-0-	26,834
PVC	12"	<u>968</u>	<u>680</u>	<u>-0-</u>	<u>1,648</u>
TOTAL		<u>814,881</u>	<u>40,955</u>	<u>-0-</u>	<u>855,836</u>
Force Mains:					
Galvanized Iron	3/4"	88	-0-	-0-	88
Galvanized Iron	1 1/4"	601	-0-	-0-	601
Galvanized Iron	1"	2	-0-	-0-	2
Galvanized Iron	2"	85	-0-	-0-	85
Galvanized Iron	3"	1,112	-0-	-0-	1,112

December 31, 1989

**KINGSLEY SERVICE COMPANY
ORANGE PARK SYSTEM
COLLECTING INTERCEPTORS & FORCE MAINS - SCHEDULE S-7**

<u>Description</u>	<u>Pipe Diameter</u>	<u>Beginning of Year</u>	<u>Added During Year</u>	<u>Retired During Year</u>	<u>End of Year</u>
Cement Asbestos	4"	8,276	-0-	-0-	8,276
Cement Asbestos	6"	12,391	-0-	-0-	12,391
Cement Asbestos	8"	2,800	-0-	-0-	2,800
Cast Iron	4"	665	-0-	-0-	665
Cast Iron	6"	2,280	-0-	-0-	2,280
Cast Iron	8"	11,029	-0-	-0-	11,029
Cast Iron	10"	355	-0-	-0-	355
Cast Iron	12"	4,140	-0-	-0-	4,140
Ductile Iron	3"	8	-0-	-0-	8
Ductile Iron	4"	86	-0-	-0-	86
Ductile Iron	6"	2,784	-0-	-0-	2,784
Ductile Iron	8"	2,373	90	-0-	2,463
Ductile Iron	10"	1,529	-0-	-0-	1,529
Ductile Iron	12"	5,642	126	-0-	5,768
Ductile Iron	14"	2,190	-0-	-0-	2,190
Ductile Iron	16"	16,858	-0-	-0-	16,858
Ductile Iron	18"	5,945	-0-	-0-	5,945
PVC	3/4"	20	-0-	-0-	20
PVC	1 1/2"	15	-0-	-0-	15
PVC	2"	935	100	-0-	1,035
PVC	3"	20	-0-	-0-	20
PVC	4"	8,308	-0-	-0-	8,308
PVC	6"	40,364	3,400	-0-	43,764

December 31, 1989

KINGSLEY SERVICE COMPANY
ORANGE PARK SYSTEM
COLLECTING INTERCEPTORS & FORCE MAINS - SCHEDULE S-7

<u>Description</u>	<u>Pipe Diameter</u>	<u>Beginning of Year</u>	<u>Added During Year</u>	<u>Retired During Year</u>	<u>End of Year</u>
PVC	8"	39,594	6,170	-0-	45,764
PVC	10"	1,906	-0-	-0-	1,906
PVC	12"	28,969	605	-0-	29,574
PVC	16"	<u>-0-</u>	<u>3,915</u>	<u>-0-</u>	<u>3,915</u>
TOTAL		<u>201,370</u>	<u>14,406</u>	<u>-0-</u>	<u>215,776</u>

Outfall Sewer Force Main:

Ductile Iron	12"	1,620	-0-	-0-	1,620
Ductile Iron	18"	<u>6,803</u>	<u>-0-</u>	<u>-0-</u>	<u>6,803</u>
TOTAL		<u>8,423</u>	<u>-0-</u>	<u>-0-</u>	<u>8,423</u>

Gate Valves:

2"	3	-0-	-0-	3	
3"	2	-0-	-0-	2	
4"	6	-0-	-0-	6	
6"	38	2	-0-	40	
8"	26	2	-0-	28	
10"	5	-0-	-0-	5	
12"	13	1	-0-	14	
16"	<u>-0-</u>	<u>1</u>	<u>-0-</u>	<u>1</u>	
TOTAL		<u>93</u>	<u>6</u>	<u>-0-</u>	<u>99</u>

Kingsley Service Company
Orange Park and Heritage Farms System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

FLEMING OAKS SEWAGE TREATMENT PLANT

720,000 G.P.D. Sewage Treatment Plant
Present Average Daily Flow - 189,000 G.P.D. (1989)
Effluent Disposal - Force Main to the St. Johns River
Permit #D010-139744
95% Removal of BOD & TSS

Surge Tank:

Steel Structure - 2' x 4' Bar Screen

Blower #1
Roots Universal RAI
Serial #85 42584
Des 56 U-RAI
I.D. #863-742-020

Blower #2
Roots Universal RAI
Serial #85 42826
Des 56 U-RAI
I.D. #863-742-020

Blower #1 Motor
Baldor - M3218T
Spec. 36BOIY46
Frame 184T; Series F1084
H.P. 5; 208/230/460 Volts
RPM - 1725

Blower #2 Motor
U.S. Motor
I.D. #F-3466-00-171
Frame 184T
H.P. 5; 208-230/460 Volts
RPM - 1730

Pump #1 Gorman-Rupp
Serial #650825; Model T3A3B
Motor - Lincoln
3 H.P. 230/460 Volts
Frame 182T, 1755 RPM
Serial #854533

Pump #2 Gorman-Rupp
Serial #650824; Model T3A3B
Motor - Lincoln
3 H.P. 230/460 Volts
Frame 182T, 1755 RPM
Serial #F4542-00-084

80,000 G.P.D. Plant:

Installed - 1980 - Steel Structure

Blower #1
Roots
Serial #8142600
Des. 610AF
I.D. #820-263-320
Motor - Lincoln
10 H.P.; 230/460 Volts
1745 RPM; Frame 215T
Serial #2685667

Blower #2
Roots
Serial #8546946
Des. 610 AF
I.D. #820-263-320
Motor - Westinghouse
10 H.P.; 230/460 Volts
1745 RPM; Frame 184T
Serial - Tag missing

Sludge Return Gear Reducer

Baldor Motor; BM 3538
1/2 H.P.; 1725 RPM

Kingsley Service Company
Orange Park and Heritage Farms System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

150,000 G.P.D. Plant

Installed 1985 - Steel Structure

Blower #1 Sutorbilt

Model #7MF

Serial #232709

Motor - Lincoln

Serial #1618206

Frame 256T; 230/460 Volts

20 H.P.; 1750 RPM

Blower #2 Sutorbilt

Model #7MF

Serial #245074

Motor - Lincoln

Serial #1614642

Frame 256T; 230/460 Volts

20 H.P.; 1750 RPM

Sludge Return Gear Reducer

Gear Box Model #4MCTD

Serial #BB4620A-1

Dayton Motor; Model #2N915F

1/3 H.P.; 1725 RPM; Frame D56C

490,000 G.P.D. Plant

Installed 1988 - Concrete Structure

Aeration:

(2) Lakeside Equipment Magna Rotors

Size 42" x 21'; 6" immersion

#1 Rotor Drive Assembly:

Gear Reducer - Dodge TxT-915; shaft mounted
15.12 to 1

Motor - Reliance; 30 H.P., 1750 RPM, 3/60/230/460 Volt
TEFC - XE-XT

Bearing - (2) Dodge; 4 7/16"; #041874
Pillow Block

#2 Rotor Drive Assembly

Gear Reducer - Dodge TxT-915; shaft mounted
15.2 to 1

Motor - Reliance; 30 H.P.; 1750 RPM; 3/60/230/460 volt
TEFC-XE-XT

Bearings - (2) Dodge; 4 7/16"; #041874
Pillow Block

Clarifier - Lakeside Equipment; Spiravac

42' x 15' - concrete structure

Drive: Winsmith 8MCVD gear reducer, 3000 to 1

Driver by 1/2 H.P.; 1750 RPM; "C" Face Motor

3/60/230/460/Volts; TEFC

Kingsley Service Company
Orange Park and Heritage Farms System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

Sludge Return Pumps:

Pump #1 - Gorman Rupp
Model #14C2B
Serial #514177
Motor - Baldor
Model #M3311T
7.5 H.P.; 1725 RPM
3/60/230/460 Volt; 213T Frame

Pump #2 - Gorman Rupp
Model #14C2B
Serial #514182
Motor - Baldor
Model #M3311T
7.5 H.P.; 1725 RPM
3/60/230/460 Volt; 213T Frame

Sludge Draw-Off Pump:

1 - Gorman Rupp
Model #T3A3B
Motor - Reliance; 10 H.P.; 3/60/230/460 Volts
1755 RPM; F215T

Supernate Pump:

Gorman-Rupp, 13A3B, Serial 2985
Motor - Marathon, 2 H.P., 1735 RPM
F182T, Model NVD182TCFL7026BNL
Control Panel - SS Sta-Com

Air Compressor:

ACP-GA23A3, Serial #488-A1626; 2 H.P. Baldor Motor,
3/60/230/460 Volts; 1725 RPM, F145T, M3157T

Blowers:

Blower #1
Spencer
Serial #269809
Cat.#7030-HMOD
540 CFM; 3500 RPM
Motor - U.S. Motor
30 H.P.; 3510 RPM; F284TS
3/60/230/460 Volts
I.D. E838/P10P224R052F

Blower #2
Roots - 76 6261 C
Serial #14180-B
Motor - Baldor
Cat. #M2334T
20 H.P.; 1760 RPM, F256T
3/60/230/460 Volts

Effluent Pumps:

2 - Gorman-Rupp T4A3 B with 15 H.P. Baldor Motors,
3/60/230/460 Volts; 1760 RPM; F254T; M2513T

Kingsley Service Company
Orange Park and Heritage Farms System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

Chlorination:

- 1 Set Wallace & Tiernan 150 Lb. Scales
- 1 PR V-2442C Switchover Unit
- 2 V 100 W & T Chlorinators
- 2 W & T Injectors

Flow Meter:

Manning Ultra Sonic
UTL - 21102A AL-AL-A2-B2 Model
Serial #U62167

Emergency Power:

Onan Generator - Model #300 ODVH-47R29167B, Serial #G860832489,
1800 RPM, K.W. 300; KVA 375; AMPS 452, Engine Komatsu, 6 cyl.
Diesel; Serial No. 11096; Model 06152TA-A

Lab Equipment:

Centifuge - Raven, Model F10300
P.H. Meter - Fisher, Model 915, Serial #A0229079
Stirrer - Corning; Model PC 31
Chlorine Titrator - Fisher, Model 397; serial #2329
Samplers - (2) Isco; Model 1580; Part #60-1583-005

Kingsley Service Company - Orange Park System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

MILLER STREET

MILLER STREET SEWAGE TREATMENT PLANT

SEWAGE TREATMENT PLANT -A

4.625 M.G.D. Sewage Treatment Plant **Permit No. D010-24884**

Extended Aeration Process

4.625 M.G.D. Capacity (3,212 Average G.P.M.)

Present Average Daily Flow 3.617 M.G.D. for 1989

Effluent Disposal - Force Main to the St. Johns River

Aeration:

Aeration Tank (Concrete)"

**4- Rotor Brooms (Lakeside) 4" Gear Reducer 7415 H 15, 75 H.P. Ajax
Motors, 230/460/3/60, 1770 R.P.M., F365T**

Aerobic Digester (Concrete):

**Diffused Air-2 Spencer Turbine Blowers with 50 H.P. U.S. Motors,
220/440/3/61.7, 3450 RPM, F324T, 650 CFM**

3 Clarifier Tanks (4.0 M.G.D. Capacity) Concrete

Vacuum Type

**Sludge Return - 2 Sutorbilt, Model 7M, 1-25 H.P., Wagner Motor,
230/460/3/60, 1450 RPM, F364 and 1-30 H.P. Allis Chalmer Motor,
230/460/3/60, 1750 RPM F286T, 500 CFM**

**Winsmith gear reducer, series 10 MC V DO with 2820:1 reduction
ratio, 15,650 lb. torque with 1/2 H.P., Reliance Motor, 1150 RPM,
230/260/3/60, F M56C**

Clarifier Equipment manufactured by Lakeside Equipment Corporation

Average B.O.D. and suspended solids removal - B.O.D. 98% T.S.S. 88%

Plant placed in service March 1975

#3 Clarifier placed in service in 1985

Kingsley Service Company - Orange Park System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

MILLER STREET

Pump Out Station (Concrete):

3-Peerless turbine pumps, 12-MB-1, 8" x 8" x 12" discharge base, 15' setting of 8" column W/1" SS shaft, 1400 GPM @ 58' TDH, 30 H.P., G.E., 230/460/3/60, 1760 RPM Motors, F-B286TP12, 2 each Gorman-Rupp T8A3b, 30 H.P., 1400 GPM

French Drain Pump:

1 each Gorman-Rupp 13A2B, 5 H.P. Ajax Motor, 230/460/3/60, 1730 RPM, F104T, 180 GPM @ 30' TDH

Grit Removal:

2-50 Torque Tamer 1 1/2" Bore-worm gear reducers (Perfection - Amer) 750:1 ratio with drag scrapers installed on a pintle chain guided by a rail powered by 1/2 H.P. Reliance Motor, 230/460/3/60, 1725 RPM, F-M56C

Grit Chamber:

Concrete Structure - size - 21' x 28' x 12' Hycor-HRSA3672-24 x 1; mdl-RC2024; serial-1803030 driven by Eurodrive motors .5 HP; 230/460 volts; 3 phase serial #850067961-8; type OFT7104; 1700 RPM Eurodrive gear reducers .5 H.P.; 1700 RPM; output 50 RPM; 630 pound in. torque; serial #850067961-8 type R400T7104

Hycor-HRS3672-24 x 1; mdl-RC2024; serial-1803030 motor-Eurodrive; serial #850068268-8; gear reducer Eurodrive-type R400T7104 Serial #850068268-8

Hycor-HRS3762 24 x .1, mdl - RL3359, serial #H1907004, Motor-Eurodrive, type OFT7104, serial #850002057-9
Gear Reducer-Eurodrive, type R400T7104, serial #850002057-9

Stainless Steel-Hytrol conveyor, mdl-CRB; serial 186890; motor-Reliance, 2 HP, 1725 RPM; 230/460 volts; 3 phase; serial #P14H0846M-TO; gear reducer, Hytrol S.S.

Wemco Hydrogritter-mdl-12; serial 8999760; motor-reliance; 1/2 HP; 1725 RPM; 230/460 volts; 3 phase; serial #P56H3822NRR; cyclo drive; model HVS 3110; serial DO24847

Pump number 1 Gorman-Rupp, T3A3-B serial #523829

Pump number 2 Gorman-Rupp, T3A3-B serial #608697

Motor number 1 Baldor; Cat #M3311T; 7 1/2 H.p.' 1725 RPM; 230/460 volts; 3 phase; Frame 213 T;

Motor number 2 Baldor; Cat #M3311T; 7 1/2 H.p.' 1725 RPM; 230/460 volts; 3 phase; Frame 213 T;

Digester Supernate Pump:

1 each Gorman-Rupp T3A3B, 7.50 H.P. Reliance Motor, 230/460/3/60, 1760 RPM, 213T, 400 GPM @ 20' TDH

Kingsley Service Company - Orange Park System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

MILLER STREET

Air Compressor - Speedaire #IZ 945B, 2 H.P. Marathon Motor, 230/460/3/60, 1735 RPM, F145 T

Effluent Disposal - Force Main to St. Johns River

Auxillary Power - Caterpillar model D343 TA Diesel Electric Set, rated 275 KW standby, 277/480 volt, 3 phase, 4 wire, 60 Hertz at 1800 RPM, Serial #62B1857

Return Sludge Pump Station:

(Installed 1977)

Pump number 1, Gorman-Rupp 6" - 16C2B, 1172 GPM @ 17' TDH, 25 H.P.
Baldor Motor, 1725 RPM, F284T, 230/460/3/60
Pump number 2, Gorman-Rupp 6" - 16C2B, 1172 GP, @ 17' TDH, 25 H.P.
Baldor Motor, 1725 RPM, F284T, 230/460/3/60

Sludge Tanks:

2 concrete 60' diameter x 16'

Pumps:

1 Gorman-Rupp T6A3-B; serial 927301
1 Gorman-Rupp T6A3-B; serial 927302

Motors:

1 Baldor, spec. 09A01-1086; Frame 254T; 15 J.P.; 1725 RPM;
230/460 volts 3 phase
1 Balder, spec. 09A01-1086; Frame 254T; 15 J.P.; 1725 RPM;
230/460 volts 3 phase

4 Aeration Units, Aeration Industries Aer02 7.5 H.P. each
4 Floats and rail systems for each aerator

Control for Pumps:

ABB Controller, mdl JO54; serial #8925

Pump Starter:

2 Telemecanique intergral 32 enclosure by DRG

Aeration:

4 Woods, soft start motor controls for 75 AH.P. motors 460 volts

Sludge Presses:

Parkson, mdl MBL 80, serial 524B982
Parkson, mdl MPL 80, serial 524B982

Kingsley Service Company - Orange Park System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

MILLER STREET

Sludge Bed Conveyor System: (Installed July 1977)

Model #31 Stone Conveyor, 47' 0" x 25" W, Goodyear pylon belt 1/8" x FS. W/SS Lacing, 1 - 1/2 H.P., 3 phase drive motor and gear driver, O.A.L. 60 ft, Gear Driver Reliance, Ident. No 10006104 - VB, Case No. 79165-80 AV Size - 145WG262B, Ratio 18, 1 1/2 H.P., Motor Drive, Reliance, Ident. No. PL4G3406N-PC, 3 Phase, 1 1/2 H.P., 1730 ROPM, Serial No. E54825

Sludge Bed Sludge Pump: (Installed October 12, 1981)

Pump No. 1, Gorman-Rupp, 4"-T4A3B, 600 GPM @ 15' TDH, 7.5 H.P. Reliance Motor, 1760 RPM, F213T, 230/460/3/60

Sludge Bed Effluent Pump: (Installed June 22, 1981)

Pump No. 1, Peabody Barnes Submersible Pump, model 3SE154, 170 GPM @ 28' TDH, 1.5 H.P., 1725 RPM, 230/460/3/60

Degreaser #1

Consists of 4' x 13' Frame. 4 each 5" sprockets B50. 2 each 28' B50 chains with F lenglths 12" apart. 28 each wooden flights. Interchangeable 42" x 28' screen. 5 each pressure sprayers 6' x 3' x 4' grease with air lift pump. Driver - 1/2 H.P. Reliance Motor, 1 RPM 230/460/3/60.

Degreaser #2

8' x 4' drum, screened (nylon) air lift removal of debris, 1 - Baldor Elec. Motor, 1/4 H.P. 230/460 56C 1140 RPM, 1 - Boston Planetary gear reducer 5:1, 1 - Boston worm gear reducer 30:1, 3 - 3" drive sprockets, 1 - 2' driven sprocket/stainless steel chain.

Splitter Box:

Concrete - 16' x 22' x 8'

Chlorine Equipment:

2 - Wallace and Tiernan, V-75-VI, 400 pounds Chlorinators, 1 - Fisher Porter, chlorinator control, 668B115VO2, 120 volts connected to Flow Meter.

PH Meter:

Phox 45BES, Serial #120588, 110 volts.

Flow Meter:

Manning Ultra Sonic, UTC-2102A, A1-A1-A2-B2, 7703U60112

Kingsley Service Company - Orange Park System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

MILLER STREET

Sampling Equipment:

ISCO - 1580
ISCO - 2910

Lab Equipment:

Balance - Fisher, Serial #08480, Model XA
Water Bath - Blue M, model #MW111A-1, serial1111 #M5-2079
Auto Clave - Napco, mdl 8000 PSE, 1-88-M04911-45
Over - Fisher, mdl. 500, serial 162
Temperature safety untind, mdl 22R, serial1 162
D.O. Meter - YSI, mdl 58, serial 2567
CL2 Titrator - Fisher, mdl 397, serial 1726
Stir Plate - Thermolyne, type 1000, mdl SP-A1025B, serial 6440
PH Meter - Fisher, mdl 815 MP, serial 2239
Spectrophotometer - Baush and Lomb, mdl 20, serial 6545AR
Furnace - Thermolyne, type 1500, mdl F01520M, serial 2364
2 TKR ceramic hot plates, Precision Scientific, Serial 1245-12
Compressor - G.E., mdl 5KH36KN90, serial AYDG180D 1/3 H.P., 1725
RPM, 115 volts single phase
Incubator - Precision Scientific, mdl 815

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

UTILITY SYSTEM: Orange Park System

CALCULATION OF THE SEWER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

METER SIZE * (a)	TYPE OF METER * (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	10,544	10,544
3/4"	Displacement	1.5	---	---
1"	Displacement	2.5	254	635
1 1/2"	Displacement or Turbine	5.0	149	745
2"	Displacement, Compound or Turbine	8.0	117	936
3"	Displacement	15.0	3	45
3"	Compound	16.0	7	112
3"	Turbine	17.5	---	---
4"	Displacement or Compound	25.0	5	125
4"	Turbine	30.0	---	---
6"	Displacement or Compound	50.0	6	300
6"	Turbine	62.5	---	---
8"	Compound	80.0	1	80
8"	Turbine	90.0	---	---
10"	Compound	115.0	---	---
10"	Turbine	145.0	---	---
12"	Turbine	215.0	---	---
Total Sewer System Meter Equivalents				13,522

CALCULATION OF THE SEWER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

$$\left(\frac{1,388,529,000}{\text{(total gallons treated)}} / 365 \text{ days} \right) / 275 \text{ gpd} = 13,833$$

SEWER OPERATION SECTION

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 1989

SEWER UTILITY PLANT ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	PREVIOUS YEAR (c)	ADDITIONS (d)	RETIREMENTS (e)
351	Organization	\$ -0-	\$	\$
352	Franchises	-0-		
353	Land and Land Rights	4,795		
354	Structures and Improvements	72,220		
360	Collection Sewers - Force	471,693		
361	Collection Sewers - Gravity	886,312	67,851	
362	Special Collecting Structures	-0-		
363	Services to Customers	31,044	5,116	
364	Flow Measuring Devices	-0-		
365	Flow Measuring Installations	-0-		
370	Receiving Wells	12,153	35,824	
371	Pumping Equipment	91,686		
380	Treatment and Disposal Equip.	37,189		
381	Plant Sewers	-0-		
382	Outfall Sewer Lines	-0-		
389	Other Plant and Miscellaneous Equipment	-0-		
390	Office Furniture and Equip.	-0-		
391	Transportation Equipment	-0-		
392	Stores Equipment	-0-		
393	Tools, Shop and Garage Equip.	-0-		
394	Laboratory Equipment	-0-		
395	Power Operated Equipment	-0-		
396	Communication Equipment	-0-		
397	Miscellaneous Equipment	-0-		
398	Other Tangible Plant	-0-		
	Total Sewer Plant	\$ 1,607,092	\$ 108,791	\$ -0-

NOTE: Any adjustments made to reclassify property from one account to another must be footnoted.

S-1(a)

SEWER UTILITY PLANT MATRIX					
CURRENT YEAR (f)	.1 INTANGIBLE PLANT (g)	.2 COLLECTION PLANT (h)	.3 SYSTEM PUMPING PLANT (i)	.4 TREATMENT AND DISPOSAL PLANT (j)	.5 GENERAL PLANT (k)
\$ -0-	\$ -0-	\$XXXXXXXXXXXXX	\$XXXXXXXXXXXXX	\$XXXXXXXXXXXXX	\$XXXXXXXXXXXXX
-0-	-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX
4,795	XXXXXXXXXXXXX	4,651	-0-	144	-0-
72,220	XXXXXXXXXXXXX	-0-	-0-	72,220	-0-
471,693	XXXXXXXXXXXXX	471,693	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX
954,163	XXXXXXXXXXXXX	954,163	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX
-0-	XXXXXXXXXXXXX	-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX
36,160	XXXXXXXXXXXXX	36,160	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX
-0-	XXXXXXXXXXXXX	-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX
-0-	XXXXXXXXXXXXX	-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX
47,977	XXXXXXXXXXXXX	XXXXXXXXXXXXX	47,977	XXXXXXXXXXXXX	XXXXXXXXXXXXX
91,686	XXXXXXXXXXXXX	XXXXXXXXXXXXX	91,686	XXXXXXXXXXXXX	XXXXXXXXXXXXX
37,189	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	37,189	XXXXXXXXXXXXX
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-	XXXXXXXXXXXXX
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-	XXXXXXXXXXXXX
-0-	-0-	-0-	-0-	-0-	XXXXXXXXXXXXX
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
-0-	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	-0-
\$ 1,715,883	\$ -0-	\$ 1,466,667	\$ 139,663	\$ 109,553	\$ -0-

S-1(b)

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
DECEMBER 31, 19 89

SEWER UTILITY EXPENSE ACCOUNTS

ACCT. NO. (a)	ACCOUNT NAME (b)	CURRENT YEAR (c)	.1 COLLECTION EXPENSES - OPERATIONS (d)	.2 COLLECTION EXPENSES - MAINTENANCE (e)
701	Salaries and Wages - Employees	\$ 14,516	\$ 1,034	\$ 1,812
703	Salaries and Wages - Officers, Directors and Majority Stockholders	4,986	-0-	-0-
704	Employee Pensions and Benefits	1,845	-0-	-0-
710	Purchased Sewage Treatment	-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
711	Sludge Removal Expense	333	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
715	Purchased Power	14,270	-0-	XXXXXXXXXXXXXX
716	Fuel for Power Purchased	103	-0-	XXXXXXXXXXXXXX
718	Chemicals	1,526	-0-	-0-
720	Materials and Supplies	6,711	-3	-27
731	Contractual Services - Eng.	115	-0-	-0-
732	Contractual Services - Acct.	110	-0-	-0-
733	Contractual Services - Legal	287	-0-	-0-
734	Contractual Services - Management Fees	4,336	-0-	-0-
735	Contractual Services - Other	3,904	-0-	1,370
741	Rental of Building/Real Property	522	18	-0-
742	Rental of Equipment	127	17	-0-
750	Transportation Expenses	970	292	-0-
756	Insurance - Vehicle	289	-0-	-0-
757	Insurance - General Liability	807	-0-	-0-
758	Insurance - Workman's Compensation	314	-0-	-0-
759	Insurance - Other	-0-	-0-	-0-
760	Advertising Expense	104	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
766	Regulatory Commission Expenses - Amortization of Rate Case Expense	-0-	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
767	Regulatory Commission Expenses - Other	104	-0-	-0-
770	Bad Debt Expense	519	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
775	Miscellaneous Expenses	1,562	-0-	-0-
	Total Sewer Utility Expenses	\$ 58,360	\$ 1,364	\$ 3,209

SEWER EXPENSE ACCOUNT MATRIX

.3 PUMPING EXPENSES - OPERATIONS (f)	.4 PUMPING EXPENSES - MAINTENANCE (g)	.5 TREATMENT & DISPOSAL EXPENSES - OPERATIONS (h)	.6 TREATMENT & DISPOSAL EXPENSES - MAINTENANCE (i)	.7 CUSTOMER ACCOUNTS EXPENSE (j)	.8 ADMINISTRATIVE & GENERAL EXPENSES (k)
\$ 1,775	\$ 559	\$ 3,927	\$ 645	\$ 1,855	\$ 2,909
-0-	-0-	-0-	-0-	-0-	4,986
-0-	-0-	-0-	-0-	-0-	1,845
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	333	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
4,496	XXXXXXXXXXXXXXXX	9,658	XXXXXXXXXXXXXXXX	-0-	116
35	XXXXXXXXXXXXXXXX	68	XXXXXXXXXXXXXXXX	-0-	-0-
119	-0-	1,407	-0-	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
64	1,795	558	2,931	534	799
-0-	-0-	-0-	-0-	-0-	115
-0-	-0-	-0-	-0-	-0-	110
-0-	-0-	-0-	-0-	-0-	287
-0-	-0-	-0-	-0-	-0-	4,336
417	988	216	514	47	352
-0-	-0-	-0-	-0-	-0-	504
6	4	-0-	-0-	100	-0-
313	-0-	341	2	-0-	22
-0-	-0-	-0-	-0-	-0-	289
-0-	-0-	-0-	-0-	-0-	807
-0-	-0-	-0-	-0-	-0-	314
-0-	-0-	-0-	-0-	-0-	-0-
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	104
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	-0-
-0-	-0-	-0-	-0-	-0-	104
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	519	XXXXXXXXXXXXXXXX
586	13	580	5	12	366
\$ 7,811	\$ 3,359	\$ 17,088	\$ 4,097	\$ 3,067	\$ 18,365

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 19 89

SEWER OPERATING REVENUE

AOCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS (c)	YEAR END NUMBER CUSTOMERS (d)	AMOUNTS (e)
	Operating Revenues:			
	Flat Rate Revenues:			
521.1	Residential Revenues	456	600	\$ 80,739
521.2	Commercial Revenues	-0-	-0-	-0-
521.3	Industrial Revenues	-0-	-0-	-0-
521.4	Revenues From Public Authorities	-0-	-0-	-0-
521.5	Multiple Family Dwelling Revenues	-0-	-0-	-0-
521.6	Other Revenues	-0-	-0-	-0-
	Total Flat Rate Revenues	456	600	\$ 80,739
	Measured Revenues:			
522.1	Residential Revenues	-0-	-0-	\$ -0-
522.2	Commercial Revenues	7	7	3,377
522.3	Industrial Revenues	-0-	-0-	-0-
522.4	Revenues From Public Authorities	-0-	-0-	-0-
522.5	Multiple Family Dwelling Revenues	-0-	-0-	-0-
	Total Measured Revenues	7	7	\$ 3,377
523	Revenues From Public Authorities	-0-	-0-	\$ -0-
524	Revenues From Other Systems	-0-	-0-	-0-
525	Interdepartmental Revenues	-0-	-0-	-0-
	Totals	463	607	\$ 84,116
	Other Sewer Revenues:			
530	Guaranteed Revenues			\$ -0-
531	Sale Of Sludge			-0-
532	Forfeited Discounts			-0-
534	Rents From Sewer Property			-0-
535	Interdepartmental Rents			-0-
536	Other Sewer Revenues			-0-
	Total Other Sewer Revenues			\$ -0-
	Total Sewer Operating Revenues			\$ 84,116

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
DECEMBER 31, 19 89

BASIS FOR SEWER DEPRECIATION CHARGES

ACCT. NO. (a)	ACCOUNT NAME (b)	AVERAGE SERVICE LIFE IN YEARS (c)	AVERAGE NET SALVAGE IN PERCENT (d)	DEPRECIATION RATE APPLIED IN PERCENT (100% - d)/ c (e)
354	Structures and Improvements		%	%
360	Collection Sewers - Force		%	%
361	Collection Sewers - Gravity		%	%
362	Special Collecting Structures		%	%
363	Services to Customers		%	%
364	Flow Measuring Devices		%	%
365	Flow Measuring Installations		%	%
370	Receiving Wells		%	%
371	Pumping Equipment		%	%
380	Treatment and Disposal Equip.		%	%
381	Plant Sewers		%	%
382	Outfall Sewer Lines		%	%
389	Other Plant and Miscellaneous Equipment		%	%
390	Office Furniture and Equip.		%	%
391	Transportation Equipment		%	%
392	Stores Equipment		%	%
393	Tools, Shop and Garage Equip.		%	%
394	Laboratory Equipment		%	%
395	Power Operated Equipment		%	%
396	Communication Equipment		%	%
397	Miscellaneous Equipment		%	%
398	Other Tangible Plant		%	%
	Sewer Plant Composite Depreciation Rate *	31.25	0 %	3.2 %

* If depreciation rates prescribed by this Commission are on a total composite basis, entries should be made on this line only.

UTILITY NAME: Kingsley Service Company
Heritage Farms System

YEAR OF REPORT
 DECEMBER 31, 1989

ANALYSIS OF ENTRIES IN SEWER ACCUMULATED DEPRECIATION

ACCT. NO. (a)	ACCOUNT NAME (b)	BALANCE AT BEGINNING OF YEAR (c)	ACCRUALS (d)	OTHER CREDITS * (e)	TOTAL CREDITS (d+e) (f)
354	Structures and Improvements	\$	\$	\$	\$
360	Collection Sewers - Force				
361	Collection Sewers - Gravity				
362	Special Collecting Structures				
363	Services to Customers				
364	Flow Measuring Devices				
365	Flow Measuring Installations				
370	Receiving Wells				
371	Pumping Equipment				
380	Treatment and Disposal Equip.				
381	Plant Sewers				
382	Outfall Sewer Lines				
389	Other Plant and Miscellaneous Equipment				
390	Office Furniture and Equip.				
391	Transportation Equipment				
392	Stores Equipment				
393	Tools, Shop and Garage Equip.				
394	Laboratory Equipment				
395	Power Operated Equipment				
396	Communication Equipment				
397	Miscellaneous Equipment				
398	Other Tangible Plant				
	Total Depreciable Sewer Plant In Service	\$ 194,613	\$ 53,014	\$ -0-	\$ 53,014

* Specify nature of transaction.
 Use () to denote reversal entries.

S-5(a)

ANALYSIS OF ENTRIES IN SEWER ACCUMULATED DEPRECIATION (Cont'd)

[illegible]

S-5(b)

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

UTILITY SYSTEM: Heritage Farms System

PUMPING EQUIPMENT

Lift station number	SEE ATTACHED SCHEDULES S-6A to S-6B					
Make or type and nameplate data of pump						
Year installed						
Rated capacity						
Size						
Power:						
Electric						
Mechanical						
Nameplate data of motor						

Lift station number	SEE ATTACHED SCHEDULES S-6A to S-6B					
Make or type and nameplate data of pump						
Year installed						
Rated capacity						
Size						
Power:						
Electric						
Mechanical						
Nameplate data of motor						

SERVICE CONNECTIONS

Size (inches)	4" & 6"					
Type (PVC, VCP, etc.)	VCP & PVC					
Average length	10' to 50'					
Number of active service connections	607					
Beginning of year	463					
Added during year	473					
Retired during year	-0-					
End of year	936					
Give full particulars concerning inactive connections	Inactive connections are from new developments where houses are not built yet and normal vacancies.					

Kingsley Service Company - Heritage Farms System
December 31, 1989

PUMPING EQUIPMENT - SCHEDULE S-6

LIFT STATIONS

#5 Habersham Harbor (Installed May 1969, relocated to present location
July 1986)

Pump No. 1, Gorman-Rupp, Serial #503689, 3" - 13C2B, 200 GPM @ 25' TDH,
7.5 H.P. Baldor Motor, 213T, - 1725 RPM, 230/460/3/60

Pump No. 2, Gorman-Rupp, Serial #516490, 3" - 13C2B, 200 GPM @ 25' TDH,
7.5 H.P. Baldor Motor, 213T, - 1725 RPM, 230/460/3/60

Air Compressor, Quincy, X-2, Piston, 1/3 H.P. Dayton Motor, 1725 RPM,
F56, 115/230/1/60

3 Phase Power Supply, 10-20 H.P. Arco Electric Rotor Phase

#35 Heritage Farms - Orange Park South (Installed 1980)

(OUT OF SERVICE)

#37 South Lake Drive (Installed August 22, 1986)

Pump No. 1, Peabody Barnes Pump - Reliance Sub. Motor, 15 H.P., 208
Volts, 1750 RPM, Serial #73081BF68660

Pump No. 2, Peabody Barnes Pump - Reliance Sub. Motor, 15 H.P., 208
Volts, 1750 RPM, Electromate Control Panel, Serial #73077J68657

#39 Orange Park South (Installed September 2, 1986)

Pump No. 1, Peabody Barnes Pump, Serial #73081BE68661, Reliance Sub.
Motor, 15 H.P., 208 Volts, 1750 RPM

Pump No. 2, Peabody Barnes Pump, Serial #73081BF68662, Reliance Sub.
Motor, 15 H.P., 208 Volts, 1750 RPM, Electromate Control Panel

#43 Orange Park South, Unit 5 (Installed September 16, 1988)

Pump No. 1, Peabody Barnes Sub., Serial #8341698875, 15 H.P., 208 Volts,
1750 RPM, Electromate Control Panel, 3 Phase, 240 GPM @ 86' TDH

Pump No. 2, Peabody Barnes Sub., Serial #7308148647, 15 H.P., 208 Volts,
1750 RPM, Electromate Control Panel, 3 Phase, 240 GPM @ 86' TDH

Kingsley Service Company - Heritage Farms System
December 31, 1989

PUMPING EQUIPMENT - SCHEDULE S-6

LIFT STATIONS

#45 College Station Dr. Inlet Hwy #220 (Installed 1988)

Pump No. 1, Empo Sub, 4000-3, 20 H.P., 230 Volts, Myers 5 H.P. Duplex
Grinder WG50-23, 3 Phase, 5" Impellar, 60 GPM @ 90' TDH

Pump No. 2, Empo Sub, 4000-3, 20 H.P., 230 Volts, Myers 5 H.P. Duplex
Grinder WG50-23, 3 Phase, 5" Impellar, 60 GPM @ 90' TDH

#51 Dr. Inlet School (Installed August 15, 1988)
(Not Owned by Kingsley Service Company)

Pump No. 1, Empo Sub, 20 H.P., 208 Volts, 1750 RPM, Electromate Control
Panel, 3 Phase, 300 GPM @ 100' TDH

Pump No. 2, Empo Sub, 20 H.P., 208 Volts, 1750 RPM, Electromate Control
Panel, 3 Phase, 300 GPM @ 100' TDH

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

UTILITY SYSTEM: Heritage Farms System

COLLECTING MAINS

COLLECTING MAINS:						
Size (inches) -----	SEE ATTACHED	SCHEDULE	S-7A	-----	-----	-----
Type of main -----	-----	-----	-----	-----	-----	-----
Length of main (nearest foot):	-----	-----	-----	-----	-----	-----
Beginning of year -----	-----	-----	-----	-----	-----	-----
Added during year -----	-----	-----	-----	-----	-----	-----
Retired during year -----	-----	-----	-----	-----	-----	-----
End of year -----	-----	-----	-----	-----	-----	-----
MANHOLES:						
Size -----	4 ft.	-----	-----	-----	-----	-----
Type -----	P.C.	-----	-----	-----	-----	-----
Number:	-----	-----	-----	-----	-----	-----
Beginning of year -----	184	-----	-----	-----	-----	-----
Added during year -----	39	-----	-----	-----	-----	-----
Retired during year -----	-0-	-----	-----	-----	-----	-----
End of year -----	223	-----	-----	-----	-----	-----

FORCE MAINS

FORCE MAINS:						
Size (inches) -----	SEE ATTACHED	SCHEDULE	S-7A	-----	-----	-----
Type of main -----	-----	-----	-----	-----	-----	-----
Length of main (nearest foot):	-----	-----	-----	-----	-----	-----
Beginning of year -----	-----	-----	-----	-----	-----	-----
Added during year -----	-----	-----	-----	-----	-----	-----
Retired during year -----	-----	-----	-----	-----	-----	-----
End of year -----	-----	-----	-----	-----	-----	-----

UTILITY NAME: Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 1989

SYSTEM NAME: Heritage Farms System

TREATMENT PLANT

Manufacturer	SEE ATTACHED SCHEDULES S-8A to S-8D		
Type			
"Steel" or "Concrete"			
Total Capacity			
Average Daily Flow			
Effluent Disposal			
Total Gallons of Sewage Treated	68,289,000		

MASTER LIFT STATION PUMPS

Manufacturer	SEE ATTACHED SCHEDULES S-8A to S-8D		
Capacity			
Motor : Mfr.			
Horsepower			
Power (Electric or Mechanical)			

OTHER SEWER SYSTEM INFORMATION

- Maximum number of ERC's * which can be served. 2,618 **
- Estimated annual increase in ERC's *. 100 - 200
- List permit numbers required by Chapter 17-4, Rules of the Department of Environmental Regulation (DER) for systems in operation. Schedule Attached
- State any plans and estimated completion dates for any enlargements of this system. None at present
- If present systems do not meet the requirements of Chapter 17-4, Rules of the DER, submit the following:
 - Evaluation of the present plant or plants in regard to meeting the DER's rules.
 - Plans for funding and construction of the required upgrading.
 - Have these plans been coordinated with the DER?
 - Do they concur?
 - When will construction begin?
- In what percent of your certificated area have service connections been installed? 100 %

** Plant capacity 720,000 M.G.D. $\div$ 275 = 2,618

* ERC = (Total Gallons Treated / 365 days) / 275 Gallons Per Day

Note: Total Gallons Treated includes both sewage treated and purchased sewage treatment

Note: Fleming Oaks Sewage Treatment Plant also services part of the Orange Park System.

December 31, 1989

**KINGSLEY SERVICE COMPANY
HERITAGE FARMS SYSTEM
COLLECTING INTERCEPTORS & FORCE MAINS - SCHEDULE S-7**

<u>Description</u>	<u>Pipe Diameter</u>	<u>Beginning of Year</u>	<u>Added During Year</u>	<u>Retired During Year</u>	<u>End of Year</u>
Collecting Mains:					
PVC	4"	195	-0-	-0-	195
PVC	6"	2,608	2,168	-0-	4,776
PVC	8"	28,295	5,838	-0-	34,133
PVC	10"	11,700	2,630	-0-	14,330
PVC	12"	100	-0-	-0-	100
Cast/Ductile Iron	4"	36	-0-	-0-	36
Cast/Ductile Iron	6"	18	-0-	-0-	18
Cast/Ductile Iron	8"	198	18	-0-	216
Cast/Ductile Iron	10"	164	54	-0-	218
Cast/Ductile Iron	12"	12	-0-	-0-	12
VCP	6"	500	-0-	-0-	500
VCP	8"	<u>6,376</u>	<u>-0-</u>	<u>-0-</u>	<u>6,376</u>
TOTAL		<u>50,202</u>	<u>10,708</u>	<u>-0-</u>	<u>60,910</u>
Force Mains:					
Ductile Iron	4"	128	-0-	-0-	128
Ductile Iron	6"	136	-0-	-0-	136
Ductile Iron	8"	3,169	-0-	-0-	3,169
Ductile Iron	10"	134	-0-	-0-	134
Ductile Iron	12"	737	-0-	-0-	737
PVC	4"	1,016	-0-	-0-	1,016
PVC	6"	6,170	-0-	-0-	6,170
PVC	8"	21,949	-0-	-0-	21,949
PVC	10"	1,946	-0-	-0-	1,946
PVC	12"	<u>2,102</u>	<u>-0-</u>	<u>-0-</u>	<u>2,102</u>
TOTAL		<u>37,487</u>	<u>-0-</u>	<u>-0-</u>	<u>37,487</u>
Outfall Sewer Main:					
Ductile Iron	18"	<u>185</u>	<u>-0-</u>	<u>-0-</u>	<u>185</u>
TOTAL		<u>185</u>	<u>-0-</u>	<u>-0-</u>	<u>185</u>
Gate Valves:					
	6"	4	-0-	-0-	4
	8"	9	-0-	-0-	9
	10"	<u>2</u>	<u>-0-</u>	<u>-0-</u>	<u>2</u>
TOTAL		<u>15</u>	<u>-0-</u>	<u>-0-</u>	<u>15</u>

Kingsley Service Company
Orange Park and Heritage Farms System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

FLEMING OAKS SEWAGE TREATMENT PLANT

720,000 G.P.D. Sewage Treatment Plant
Present Average Daily Flow - 189,000 G.P.D. (1989)
Effluent Disposal - Force Main to the St. Johns River
Permit #D010-139744
95% Removal of BOD & TSS

Surge Tank:

Steel Structure - 2' x 4' Bar Screen

Blower #1
Roots Universal RAI
Serial #85 42584
Des 56 U-RAI
I.D. #863-742-020

Blower #2
Roots Universal RAI
Serial #85 42826
Des 56 U-RAI
I.D. #863-742-020

Blower #1 Motor
Baldor - M3218T
Spec. 36BOIY46
Frame 184T; Series F1084
H.P. 5; 208/230/460 Volts
RPM - 1725

Blower #2 Motor
U.S. Motor
I.D. #F-3466-00-171
Frame 184T
H.P. 5; 208-230/460 Volts
RPM - 1730

Pump #1 Gorman-Rupp
Serial #650825; Model T3A3B
Motor - Lincoln
3 H.P. 230/460 Volts
Frame 182T, 1755 RPM
Serial #854533

Pump #2 Gorman-Rupp
Serial #650824; Model T3A3B
Motor - Lincoln
3 H.P. 230/460 Volts
Frame 182T, 1755 RPM
Serial #F4542-00-084

80,000 G.P.D. Plant:

Installed - 1980 - Steel Structure

Blower #1
Roots
Serial #8142600
Des. 610AF
I.D. #820-263-320
Motor - Lincoln
10 H.P.; 230/460 Volts
1745 RPM; Frame 215T
Serial #2685667

Blower #2
Roots
Serial #8546946
Des. 610 AF
I.D. #820-263-320
Motor - Westinghouse
10 H.P.; 230/460 Volts
1745 RPM; Frame 184T
Serial - Tag missing

Sludge Return Gear Reducer

Baldor Motor; BM 3538
1/2 H.P.; 1725 RPM

Kingsley Service Company
Orange Park and Heritage Farms System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

150,000 G.P.D. Plant

Installed 1985 - Steel Structure

Blower #1 Sutorbilt

Model #7MF

Serial #232709

Motor - Lincoln

Serial #1618206

Frame 256T; 230/460 Volts

20 H.P.; 1750 RPM

Blower #2 Sutorbilt

Model #7MF

Serial #245074

Motor - Lincoln

Serial #1614642

Frame 256T; 230/460 Volts

20 H.P.; 1750 RPM

Sludge Return Gear Reducer

Gear Box Model #4MCTD

Serail #BB4620A-1

Dayton Motor; Model #2N915F

1/3 H.P.; 1725 RPM; Frame D56C

490,000 G.P.D. Plant

Installed 1988 - Concrete Structure

Aeration:

(2) Lakeside Equipment Magna Rotors

Size 42" x 21'; 6" immersion

#1 Rotor Drive Assembly:

Gear Reducer - Dodge TxT-915; shaft mounted
15.12 to 1

Motor - Reliance; 30 H.P., 1750 RPM, 3/60/230/460 Volt
TEFC - XE-XT

Bearing - (2) Dodge; 4 7/16"; #041874
Pillow Block

#2 Rotor Drive Assembly

Gear Reducer - Dodge TxT-915; shaft mounted
15.2 to 1

Motor - Reliance; 30 H.P.; 1750 RPM; 3/60/230/460 volt
TEFC-XE-XT

Bearings - (2) Dodge; 4 7/16"; #041874
Pillow Block

Clarifier - Lakeside Equipment; Spiravac

42' x 15' - concrete structure

Drive: Winsmith 8MCVD gear reducer, 3000 to 1

Driver by 1/2 H.P.; 1750 RPM; "C" Face Motor
3/60/230/460/Volts; TEFC

Kingsley Service Company
Orange Park and Heritage Farms System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

Sludge Return Pumps:

Pump #1 - Gorman Rupp
Model #14C2B
Serial #514177
Motor - Baldor
Model #M3311T
7.5 H.P.; 1725 RPM
3/60/230/460 Volt; 213T Frame

Pump #2 - Gorman Rupp
Model #14C2B
Serial #514182
Motor - Baldor
Model #M3311T
7.5 H.P.; 1725 RPM
3/60/230/460 Volt; 213T Frame

Sludge Draw-Off Pump:

1 - Gorman Rupp
Model #T3A3B
Motor - Reliance; 10 H.P.; 3/60/230/460 Volts
1755 RPM; F215T

Supernate Pump:

Gorman-Rupp, 13A3B, Serial 2985
Motor - Marathon, 2 H.P., 1735 RPM
F182T, Model NVD182TCFL7026BNL
Control Panel - SS Sta-Com

Air Compressor:

ACP-GA23A3, Serial #488-A1626; 2 H.P. Baldor Motor,
3/60/230/460 Volts; 1725 RPM, F145T, M3157T

Blowers:

Blower #1
Spencer
Serial #269809
Cat.#7030-HMOD
540 CFM; 3500 RPM
Motor - U.S. Motor
30 H.P.; 3510 RPM; F284TS
3/60/230/460 Volts
I.D. E838/P10P224R052F

Blower #2
Roots - 76 6261 C
Serial #14180-B
Motor - Baldor
Cat. #M2334T
20 H.P.; 1760 RPM, F256T
3/60/230/460 Volts

Effluent Pumps:

2 - Gorman-Rupp T4A3 B with 15 H.P. Baldor Motors,
3/60/230/460 Volts; 1760 RPM; F254T; M2513T

Kingsley Service Company
Orange Park and Heritage Farms System
TREATMENT PLANT AND ASSOCIATED FACILITIES - SCHEDULE S-8
December 31, 1989

Chlorination:

- 1 Set Wallace & Tiernan 150 Lb. Scales
- 1 PR V-2442C Switchover Unit
- 2 V 100 W & T Chlorinators
- 2 W & T Injectors

Flow Meter:

Manning Ultra Sonic
UTL - 21102A AL-AL-A2-B2 Model
Serial #U62167

Emergency Power:

Onan Generator - Model #300 ODVH-47R29167B, Serial #G860832489,
1800 RPM, K.W. 300; KVA 375; AMPS 452, Engine Komatsu, 6 cyl.
Diesel; Serial No. 11096; Model 06152TA-A

Lab Equipment:

Centifuge - Raven, Model F10300
P.H. Meter - Fisher, Model 915, Serial #A0229079
Stirrer - Corning; Model PC 31
Chlorine Titrator - Fisher, Model 397; serial #2329
Samplers - (2) Isco; Model 1580; Part #60-1583-005

UTILITY NAME:- Kingsley Service Company

YEAR OF REPORT
DECEMBER 31, 19 89

UTILITY SYSTEM: Heritage Farms System

CALCULATION OF THE SEWER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

METER SIZE * (a)	TYPE OF METER * (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	621	621
3/4"	Displacement	1.5	---	---
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0	---	---
2"	Displacement, Compound or Turbine	8.0	4	32
3"	Displacement	15.0	---	---
3"	Compound	16.0	---	---
3"	Turbine	17.5	---	---
4"	Displacement or Compound	25.0	---	---
4"	Turbine	30.0	---	---
6"	Displacement or Compound	50.0	---	---
6"	Turbine	62.5	---	---
8"	Compound	80.0	---	---
8"	Turbine	90.0	---	---
10"	Compound	115.0	---	---
10"	Turbine	145.0	---	---
12"	Turbine	215.0	---	---
Total Sewer System Meter Equivalents				661

CALCULATION OF THE SEWER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

$$\left(\frac{68,289,000}{(\text{total gallons treated})} \right) / 365 \text{ days} / 275 \text{ gpd} = 680$$