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ROBERT M. C. ROSE
OF COUNSEL

December 31, 2001

VIA HAND DELIVERY

RECEIVED-FPSC
01 DEC 31 PM 3:32
COMMISSION CLERK

Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

011682-SU

Re: Forest Utilities, Inc.
Application to Change in Service Availability Charge
Our File No. 25052.03

Dear Ms. Bayo:

Attached in accordance with the requirements of Commission rules and statutes is the application of Forest Utilities, Inc. to increase its service availability charges.

Should you or any members of the Commission staff have any questions in this regard, please do not hesitate to contact me.

Sincerely,

ROSE, SUNDSTROM & BENTLEY

F. Marshall Deterding
For The Firm

Check received with filing and forwarded to Fiscal for deposit. Fiscal to forward a copy of check to RAR with proof of deposit.
Initials of person who forwarded check

FMD/kll
Enclosures

cc: Ms. Marianne Haycook
Ms. Judy Mallett
Mr. David Swor

Forest\Bayo123101p.ltr

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FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE
16188 DEC 31 01
FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application of Forest Utilities, Inc. for increase in service availability charges for its wastewater customers in Lee County, Florida.	)	Docket No. 011682-SU

APPLICATION FOR INCREASE IN WASTEWATER
SERVICE AVAILABILITY CHARGES

Applicant, Forest Utilities, Inc. (hereinafter "Forest", "Applicant" or "Utility"), pursuant to Sections 367.101, Florida Statutes and Rule 25-30.565, Florida Administrative Code ("F.A.C."), files this Application for Increase in Wastewater Service Availability Charges for its wastewater service customers in Lee County, Florida, and in support thereof states as follows:

I.

The purpose of this application is to comply with the rule and statutory requirements in seeking an increase in service availability charges.

II.

Attached as **Exhibit "A"** hereto is a notice which has been provided this day in accordance with the provisions of Rule 25-30.434(5). This notice, along with the application, is on file at the official headquarters of the Utility, which is located within the service area to which the proposed increase applies. Such

copies are available for public inspection during the Utility's regular business hours.

III.

A copy of the notice contained in **Exhibit "A"** is being published in a newspaper of general circulation in the service area. The notice includes the date of issuance; a statement that the Utility has filed a petition for revised service availability charges with the Commission; a statement that the requested service availability charges are to pay for growth in the Utility's system; and the requested charges are to be paid by new, not existing, customers; a statement of the location where copies of the application are available for public inspection; and the times during which inspection may be made; a comparison of the present and proposed policy and charges; the Utility's address, telephone number, and business address; a statement that any comments concerning the policy or charges should be addressed to the Director of Records and Reporting, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0870. A copy of the proof of publication will be provided as late filed **Exhibit "B"**.

IV.

A copy of the notice attached hereto as **Exhibit "A"** has been mailed to all persons in the service area included in the applica-

tion who have filed a written request for service, or who have been provided a written estimate for service within the twelve calendar months prior to the month of filing this application. Since no written requests for service have been received by the utility within the past twelve (12) months, there are no persons or entities entitled to such mail notice.

V.

The name and address of the Applicant is:

Forest Utilities, Inc.
6385 Presidential Court S.W.
Fort Myers, FL 33919

In addition to the above address of the administrative and accounting offices of the utility, the utility also operates an office at the plant site which is within the service territory of the utility. The address for the operations office is:

Forest Utilities, Inc.
6341 Deer Run
Fort Myers, Florida 33908

VI.

The charges for service availability for Forest's wastewater system were last considered in Commission Order No. 14001 issued on January 14, 1985 in Docket No. 840196-SU. The service availability charges for the Forest wastewater system have not been reconsidered, nor adjusted since that time.

VII.

The basis for the requested charges and conditions is calculated in accordance with the requirements of Commission Rule 25-30.565, Florida Administrative Codes. Justification for these charges is contained in Schedules 1 through 13 attached hereto as part of **Exhibit "C"**, and in the Schedule of Improvements/Cost Opinion dated September 12, 2001 and October 31, 2001 letter, both prepared by James T. Elliot, P.E. of Source, Inc., Professional Engineers, which are attached hereto as **Exhibit "D"**. That latter exhibit explains in detail the specifics of the facilities necessary in order to serve the customers within the Utility's certificated service territory at build out.

VIII.

The schedules showing the capital cost of the existing treatment plant and wastewater collection system by Uniform System of Accounting account numbers, as required by Rule 25-30.115, F.A.C. and the related capacity of each system as of ninety days prior to the application, is contained in Schedule 3 and 12 of **Exhibit "C"** and in the contents of **Exhibit "D"**.

IX.

A detailed statement of the accumulated depreciation of the plant listed is also shown on Schedule 3 of **Exhibit "C"** as of ninety days prior to the application.

X.

A schedule showing the number of active customers on line ninety days prior to the time of the application by meter size, by customer class, and the related Equivalent Residential Connections (ERC) as defined in Rule 25-30.515(8), including a description of the method by which an ERC is defined is attached hereto as Schedule 10 of **Exhibit "C"**.

XI.

A detailed statement defining the capacity of the treatment facilities in terms of ERCs as used in developing the proposed service availability charges, is contained as Schedules 2 and 12 to **Exhibit "C"** and **Exhibit "D"**.

XII.

A detailed statement defining the capacity of the collection system in terms of ERCs as used in developing the proposed service availability charges is included as Schedules 12 of **Exhibit "C"** and in **Exhibit "D"**.

XIII.

A list of outstanding developer agreements is attached as **Exhibit "E".**

XIV.

Because there are no outstanding developer agreements, there is no need for a separate schedule showing what agreements, if any, are designed to result in contributed property, and in the next twenty-four (24) months as there are no outstanding developer agreements related to this utility. All existing service territories are at or close to build-out, and new areas have not yet resulted in even a written application for service much less execution of a developer agreement. To the extent the utility anticipates the addition of contributed property from the future areas of development, that property is outlined in **Exhibit "C"** and **Exhibit "D"** hereof.

XV.

A schedule showing the total collections of Contributions in Aid of Construction (CIAC) as of ninety days prior to the date of application is included as Schedule 4 of **Exhibit "C"**. The Utility does not book any prepaid CIAC.

XVI.

A detailed statement of accumulated amortization of CIAC is also listed in Schedule 4 of **Exhibit "C"** as of ninety days prior to the application.

XVII.

Copies of the approvals and permits for operation of the existing wastewater treatment plant are attached hereto as **Exhibit "F"**. As of today's date, no additional permits have been obtained for the construction of the additional treatment and collection facilities proposed for construction within this application.

XVIII.

A detailed statement by a registered professional engineer showing the costs by Uniform System of Account numbers, capacity of proposed plant expansion, and a timetable showing proposed construction time, is included in **Exhibit "D"** and in Schedule 3, 5, 6, and 12 of **Exhibit "C"**.

XIX.

A detailed statement by a registered professional engineer showing how the proposed construction will affect the capacity of the existing system is included within **Exhibit "D"**. The expansion

and plant upgrade will undertaken in accordance with the statements outlined in that exhibit.

XX.

A schedule showing the projected growth rate for the utilization of the existing plant and line capacity and future plant and line capacity is shown on Schedule 7 and 12 of **Exhibit "C"** and **Exhibit "D"**.

XXI.

A summary schedule showing how the proposed service availability charge was calculated is included as part of Schedules 1 and 2 to **Exhibit "C"**.

XXII.

Because Forest Utilities, Inc. is a wastewater only company, no schedules showing by meter size, the cost of meters, connection fittings, meters, meter boxes or enclosures, or labor related to meter installation has been included within this filing.

XXIII.

No statement of existing and proposed onsite and offsite main installation charges and policy is necessary as no change in the existing policy is proposed. A statement outlining the existing policy and the proposal to continue that policy is contained within Schedule 13 of **Exhibit "C"**.

The Utility's current policy requires the construction and contribution of all onsite and offsite wastewater collection facilities by the Developer, and it is the Utility's intent, as noted in Schedule 13 of **Exhibit "C"** that that policy should continue as it currently exists without modification.

XXIV.

A schedule showing the Utility's present capital structure, including cost of debt in the present capitalization, availability and cost of other sources of financing the proposed expansion and upgrading of the system is included as Schedule 11 to **Exhibit "C"**.

XXV.

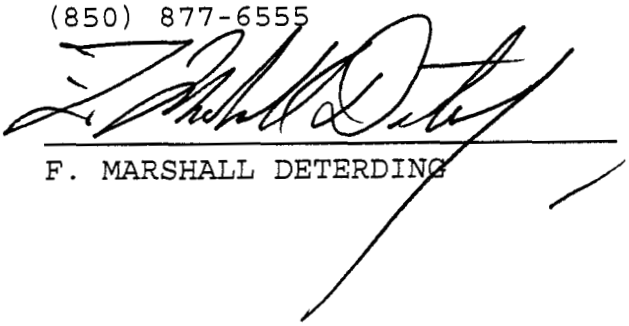
Attached hereto as **Exhibit "G"** are three copies of proposed tariff sheet numbers 24.0 and 27.0 proposed for approval in order to implement the change in the wastewater service availability charge for Forest Utilities, Inc.

XXVI.

Because the utility is a wastewater only system and has the existing and proposed capacity to service between 2,000 and 4,000 ERCs, attached hereto is a check made payable to the Florida Public Service Commission for the appropriate filing fee of $1,750.00 as required pursuant to Commission Rule 25-30.020(h), Florida Administrative Code.

WHEREFORE, Forest Utilities, Inc. believes that it has complied with the requirements of Section 367.101, Florida Statutes and Rule 25-30.565 and 25-30.434(5), F.A.C. and has demonstrated the appropriateness of the proposed change in service availability charges contained herein, and request that the Commission approve the proposed charge of $1,998 per ERC as outlined herein and in the exhibits hereto.

Respectfully submitted this
31st day of December, 2001, by:
ROSE, SUNDSTROM & BENTLEY, LLP
2548 Blairstone Pines Drive
Tallahassee, Florida 32301
(850) 877-6555



F. MARSHALL DETERDING

forest\serviceavailability.app

FOREST UTILITIES, INC.

Application for Increase in
Wastewater Service Availability Charges

NOTICE

EXHIBIT A

NOTICE

Issued on December 31, 2001

Forest Utilities, Inc., a wastewater utility regulated by the Florida Public Service Commission, has filed a Petition for revised service availability charges with the Commission. The requested service availability charge is to pay for growth in the utility system. As such, this charge is to be paid by new, not existing, customers of the utility. Copies of the Application filed with the Public Service Commission are available for public inspection during the hours of 9:00 a.m. to 4:00 p.m., Monday through Friday at the Utilities Offices. The office address and phone number for the utility is as follows:

Forest Utilities, Inc.
6341 Deer Run
Fort Myers, Florida 33908
Telephone: 941/481-5333

Outlined below are a comparison of the present and proposed charges for service availability for Forest Utilities, Inc.

	Present Service Availability Charge	Proposed Service Availability Charge
Per Wastewater ERC:	$625.00	$1,998.00
Per Gallon Demand	$ 2.50	$ 7.99

Any comments concerning the policy or changes proposed in that Application should be addressed to: Director of Records and Reporting, 2540 Shumard Oaks Boulevard, Tallahassee, Florida, 32399-0870, with a copy to: F. Marshall Deterding, Esquire, Rose, Sundstrom & Bentley, LLP, 2548 Blairstone Pines Drive, Tallahassee, Florida, 32301.

Forest Utilities, Inc.

FOREST UTILITIES, INC.

Application for Increase in
Wastewater Service Availability Charges

Late Filed Exhibit

Publication Notice

EXHIBIT B

FOREST UTILITIES, INC.

Application for Increase in
Wastewater Service Availability Charges

ACCOUNTING SCHEDULES

EXHIBIT C

Cronin, Jackson, Nixon & Wilson

CERTIFIED PUBLIC ACCOUNTANTS, P.A.

JAMES L. CARLSTEDT, C.P.A.
CHRISTINE R. CHRISTIAN, C.P.A.
JOHN H. CRONIN, JR., C.P.A.
ROBERT H. JACKSON, C.P.A.
ROBERT C. NIXON, C.P.A.
JEANETTE SUNG, C.P.A.
HOLLY M. TOWNER, C.P.A.
JAMES L. WILSON, C.P.A.

2560 GULF-TO-BAY BOULEVARD
SUITE 200
CLEARWATER, FLORIDA 33765-4419
(727) 791-4020
FACSIMILE
(727) 797-3602
e-Mail
cpas@cjnw.net

November 21, 2001

Officers and Directors
Forest Utilities, Inc.

In accordance with your request, we have prepared the accompanying Special Report of Forest Utilities, Inc. consisting of Schedules No. 1 through No. 13. This report is intended solely for use as part of an increase in service availability charges as of September 30, 2001, to be filed with the Florida Public Service Commission.

Because this Special Report was not audited by us, we do not express an opinion or any other form of assurance on it.

Cronin, Jackson, Nixon & Wilson

CRONIN, JACKSON, NIXON & WILSON

FOREST UTILITIES, INC.

SPECIAL REPORT

WASTEWATER SERVICE AVAILABILITY CASE

DATE: SEPTEMBER 30, 2001

FOREST UTILITIES, INC.
ANALYSIS OF EXISTING CIAC LEVEL AND PROJECTED LEVEL AT BUILDOUT
ASSUMING PROPOSED CHANGE IN SERVICE AVAILABILITY CHARGES
SEPTEMBER 30, 2001 THROUGH DECEMBER 31, 2010

WASTEWATER	BALANCE 9/30/01	ADJUSTMENTS		12/31/10 ADJUSTED BALANCE	SCHEDULE REFERENCE
Utility Plant in Service	$ 3,302,461	$ 3,082,176	(A)	$ 6,384,637	3
Accumulated Depreciation	(1,529,310)	(1,494,418)	(B)	(3,023,728)	3
Net Utility Plant	1,773,151	1,587,758		3,360,909	
Contributions in Aid of Construction	(2,596,054)	(2,442,220)	(C)	(5,038,274)	4, 7
Accumulated Amortization of CIAC	1,293,255	1,224,570	(D)	2,517,825	4, 8
Net CIAC	(1,302,799)	(1,217,650)		(2,520,449)	
Net Utility Plant Investment	470,352	370,108		840,460	
Percent CIAC	73.47%	76.69%		74.99%	
Percent Investment	26.53%	23.31%		25.01%	

FOREST UTILITIES, INC.
ADJUSTMENTS TO PRESENT CIAC LEVEL THROUGH BUILDOUT
SEPTEMBER 30, 2001 THROUGH DECEMBER 31, 2010

		ADJUSTMENT SUMMARY	SCHEDULE REFERENCE
(A)	WASTEWATER UTILITY PLANT		
(1)	Estimated cost of plant upgrades per engineering estimates to serve buildout population (2010)	$ 2,111,524	5
(2)	Estimated future contributions of on- and off-site facilities	970,652	5
	Total additions and adjustments to plant through buildout	$ 3,082,176	
(B)	ACCUMULATED DEPRECIATION		
(1)	Depreciation of Existing Plant	$ 947,938	6
(2)	Depreciation of Invested Additions	351,575	6
(3)	Depreciation of Contributed additions	194,905	6
	Total estimated additions to accumulated depreciation through buildout	$ 1,494,418	
(C)	CIAC		
(1)	Estimated future property contributions	$ 831,832	7
(2)	Future Service Availability Charges of $1998 to result in a 75% level of net CIAC when service area is builtout	1,610,388	7
	Total future CIAC and adjustments to buildout (2010)	$ 2,442,220	
(D)	ACCUMULATED AMORTIZATION OF CIAC		
(1)	Future amortization of existing CIAC to buildout (2010)	$ 753,894	8
(2)	Amortization of future property CIAC	174,104	8
(3)	Amortization of proposed cash Service Availability Charges through buildout (2010)	296,572	8
	Total future amortization of CIAC through buildout (2010)	$ 1,224,570	
(E)	CALCULATION OF PROPOSED SERVICE AVAILABILITY CHARGES		
	Number of future ERC's to reach buildout	806	
	Proposed charge to result in 75% level of net CIAC at buildout (2010)	1,998	
	Future cash service availability charges	$ 1,610,388	

Forest Utilities, Inc.
Wastewater Service Availability Case
Schedule Of Utility Plant In Service By Primary Account
September 30, 2001 and December 31, 2010

NARUC Account	Description	9/30/01 Cost	12/31/10 Cost	9/30/01 Accumulated Depreciation	12/31/10 Accumulated Depreciation
352	Franchises	$ 17,331	$ 17,331	$ 2,707	$ 6,712
353	Land and Land Rights	26,690	26,690		
354	Structures and Improvements	386,532	386,532	99,513	201,772
355	Power Generation Equipment	-	95,614	-	31,076
360	Collection Sewers - Force	171,112	863,469	22,001	181,643
361	Collection Sewers - Gravity	1,482,015	1,901,589	750,039	1,225,991
362	Spectial Collecting Structures	122,728	711,537	29,141	233,436
363	Services to Customers	12,628	74,330	2,603	16,624
364	Flow Measuring Devices	3,334	3,334	1,500	3,334
380	Treatment and Disposal Equipment	1,002,136	2,226,256	547,454	1,045,185
390	Office Furniture and Equipment	23,048	23,048	23,048	23,048
391	Transportation Equipment	32,129	32,129	32,129	32,129
393	Tools, Shop and Garage Equipment	22,778	22,778	19,175	22,778
	TOTAL	$ 3,302,461	$ 6,384,637	$ 1,529,310	$ 3,023,728
Schedule Reference		5	5	6	6

Forest Utilities, Inc.
Wastewater Service Availability Case
Schedule Of CIAC And Accumulated Amortization
September 30, 2001

NARUC Account	Description	CIAC Balance	Accumulated Amortization
271.100	Plant Capacity Charges	$ 1,129,369	$ 603,662
271.354	Contributed Structures and Improvements	58,875	5,473
271.360	Contributed Force Mains	15,725	6,415
271.361	Contributed Gravity Mains	1,344,538	656,093
271.362	Contributed Collecting Structures	37,500	18,375
271.363	Contributed Services to Customers	10,047	3,237
271.1	Total CIAC	$ 2,596,054	$ 1,293,255

Forest Utilities, Inc
Summary of Plant Additions by Year
December 31, 2000 through December 31, 2010

NARUC Account	Description	September 30, 2001	December 31, 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
AFUDC Additions by Year (See CWIP detail on Schedule No. 9)													
355	Power Generation Equipment (1)					95,614							95,614
380	Treatment and Disposal Equipment (1)	-	-	-	-	85,421	-	267,816	557,834	-	313,049	-	1,224,120
		$ -	$ -	$ -	$ -	$ 181,035	$ -	$ 267,816	$ 557,834	$ -	$ 313,049	$ -	$ 1,319,734
Additions By Year for Short Term Projects (See Schedule No. 9)													
360	Collection Sewers - Force		$ -	$ 41,700	$ 41,700	41,700	$ 41,700	$ 41,700	$ 41,700	$ 41,700	$ 41,700	$ 41,700	375,300
362	Special Collecting Structures	-	-	95,530	80,240	80,240	80,240	80,240	-	-	-	-	416,490
		$ -	$ -	$ 137,230	$ 121,940	$ 121,940	$ 121,940	$ 121,940	$ 41,700	$ 41,700	$ 41,700	$ 41,700	$ 791,790
Contributed Property Additions By Year (See Schedule No. 9)													
360	Collection Sewers - Force				$ 16,956	22,461	$ 138,820		$ 138,820				317,057
361	Collection Sewers - Gravity				205,614	213,960							419,574
362	Special Collecting Structures				114,230	58,089							172,319
363	Services to Customers	-	-	-	15,232	46,470	-	-	-	-	-	-	61,702
		$ -	$ -	$ -	$ 352,032	$ 340,980	$ 138,820	$ -	$ 138,820	$ -	$ -	$ -	$ 970,652
Total Additions By Year													
355	Power Generation Equipment (1)		$ -	$ -	$ -	$ 95,614	$ -	$ -	$ -	$ -	$ -	$ -	95,614
360	Collection Sewers - Force		-	41,700	58,656	64,161	180,520	41,700	180,520	41,700	41,700	41,700	692,357
361	Collection Sewers - Gravity		-	-	205,614	213,960	-	-	-	-	-	-	419,574
362	Special Collecting Structures		-	95,530	194,470	138,329	80,240	80,240	-	-	-	-	588,809
363	Services to Customers		-	-	15,232	46,470	-	-	-	-	-	-	61,702
380	Treatment and Disposal Equipment (1)	-	-	-	-	85,421	-	267,816	557,834	-	313,049	-	1,224,120
		$ -	$ -	$ 137,230	$ 473,972	$ 643,955	$ 260,760	$ 389,756	$ 738,354	$ 41,700	$ 354,749	$ 41,700	$ 3,082,176
Plant Balances By Year													
352	Franchises	17,331	17,331	17,331	17,331	17,331	17,331	17,331	17,331	17,331	17,331	17,331	
353	Land and Land Rights	26,690	26,690	26,690	26,690	26,690	26,690	26,690	26,690	26,690	26,690	26,690	
354	Structures and Improvements	386,532	386,532	386,532	386,532	386,532	386,532	386,532	386,532	386,532	386,532	386,532	
355	Power Generation Equipment		-	-	-	95,614	95,614	95,614	95,614	95,614	95,614	95,614	
360	Collection Sewers - Force	171,112	171,112	212,812	271,468	335,629	516,149	557,849	738,369	780,069	821,769	863,469	
361	Collection Sewers - Gravity	1,482,015	1,482,015	1,482,015	1,687,629	1,901,589	1,901,589	1,901,589	1,901,589	1,901,589	1,901,589	1,901,589	
362	Special Collecting Structures	122,728	122,728	218,258	412,728	551,057	631,297	711,537	711,537	711,537	711,537	711,537	
363	Services to Customers	12,628	12,628	12,628	27,860	74,330	74,330	74,330	74,330	74,330	74,330	74,330	
364	Flow Measuring Devices	3,334	3,334	3,334	3,334	3,334	3,334	3,334	3,334	3,334	3,334	3,334	
380	Treatment and Disposal Equipment	1,002,136	1,002,136	1,002,136	1,002,136	1,087,557	1,087,557	1,355,373	1,913,207	1,913,207	2,226,256	2,226,256	
390	Office Furniture and Equipment	23,048	23,048	23,048	23,048	23,048	23,048	23,048	23,048	23,048	23,048	23,048	
391	Transportation Equipment	32,129	32,129	32,129	32,129	32,129	32,129	32,129	32,129	32,129	32,129	32,129	
393	Tools, Shop and Garage Equipment	22,778	22,778	22,778	22,778	22,778	22,778	22,778	22,778	22,778	22,778	22,778	
	Totals (2)	$ 3,302,461	$ 3,302,461	$ 3,439,691	$ 3,913,663	$ 4,557,618	$ 4,818,378	$ 5,208,134	$ 5,946,488	$ 5,988,188	$ 6,342,937	$ 6,384,637	
	Note (1): All additions include AFUDC												
	(2) The balance of plant at September 30, 2001 is unchanged from the balance of plant at December 31, 2000												
	(3) Property additions as follows												
	Invested Additions	$ -	$ -	$ 137,230	$ 121,940	$ 302,975	$ 121,940	$ 389,756	$ 599,534	$ 41,700	$ 354,749	$ 41,700	$ 2,111,524
	Contributed additions	-	-	-	352,032	340,980	138,820	-	138,820	-	-	-	970,652
	Total Additions	$ -	$ -	$ 137,230	$ 473,972	$ 643,955	$ 260,760	$ 389,756	$ 738,354	$ 41,700	$ 354,749	$ 41,700	$ 3,082,176

Forest Utilities, Inc
Summary of Depreciation Additions by Year
December 31, 2000 through December 31, 2010

NARUC Account	Description	Rate	2000	September 30, 2001	December 31, 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total 10/01 - 12/10
Depreciation of AFUDC Additions by Year															
355	Power Generation Equipment (1)	5.00%	$ -	$ -	$ -	$ -	$ -	$ 2,390	$ 4,781	$ 4,781	$ 4,781	$ 4,781	$ 4,781	$ 4,781	31,076
380	Treatment and Disposal Equipment (1)	3.70%	-	-	-	-	-	1,580	3,161	8,116	23,390	33,710	39,501	45,292	154,750
			$ -	$ -	$ -	$ -	$ -	$ 3,970	$ 7,942	$ 12,897	$ 28,171	$ 38,491	$ 44,282	$ 50,073	$ 185,826
Depreciation of Additions By Year for Short Term Projects															
360	Collection Sewers - Force	3.33%	$ -	$ -	$ -	$ 694	$ 2,083	$ 3,471	$ 4,860	$ 6,248	$ 7,637	$ 9,026	$ 10,414	$ 11,803	$ 56,236
362	Special Collecting Structures	4.00%	-	-	-	1,911	5,426	8,636	11,845	15,055	16,660	16,660	16,660	16,660	109,513
			$ -	$ -	$ -	$ 2,605	$ 7,509	$ 12,107	$ 16,705	$ 21,303	$ 24,297	$ 25,686	$ 27,074	$ 28,463	$ 165,749
Depreciation of Contributed Property Additions By Year															
360	Collection Sewers - Force	3.33%	$ -	$ -	$ -	$ -	$ 282	$ 939	$ 3,624	$ 5,935	$ 8,246	$ 10,558	$ 10,558	$ 10,558	$ 50,700
361	Collection Sewers - Gravity	2.86%	-	-	-	-	2,940	8,941	12,000	12,000	12,000	12,000	12,000	12,000	83,881
362	Special Collecting Structures	4.00%	-	-	-	-	2,285	5,731	6,893	6,893	6,893	6,893	6,893	6,893	49,374
363	Services to Customers	2.63%	-	-	-	-	200	1,012	1,623	1,623	1,623	1,623	1,623	1,623	10,950
			$ -	$ -	$ -	$ -	$ 5,707	$ 16,623	$ 24,140	$ 26,451	$ 28,762	$ 31,074	$ 31,074	$ 31,074	$ 194,905
Depreciation of Existing Plant By Year															
352	Franchises	2.50%	433	325	108	433	433	433	433	433	433	433	433	433	4,005
354	Structures and Improvements	2.86%	11,055	8,291	2,764	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	102,259
355	Power Generation Equipment	5.00%	-	-	-	-	-	-	-	-	-	-	-	-	-
360	Collection Sewers - Force	3.33%	5,698	4,274	1,424	5,698	5,698	5,698	5,698	5,698	5,698	5,698	5,698	5,698	52,706
361	Collection Sewers - Gravity	2.86%	42,386	31,789	10,597	42,386	42,386	42,386	42,386	42,386	42,386	42,386	42,386	42,386	392,071
362	Special Collecting Structures	4.00%	4,909	3,682	1,227	4,909	4,909	4,909	4,909	4,909	4,909	4,909	4,909	4,909	45,408
363	Services to Customers	2.63%	332	249	83	332	332	332	332	332	332	332	332	332	3,071
364	Flow Measuring Devices	20.00%	667	500	167	667	667	333	-	-	-	-	-	-	1,834
380	Treatment and Disposal Equipment	3.70%	37,079	27,809	9,270	37,079	37,079	37,079	37,079	37,079	37,079	37,079	37,079	37,079	342,981
390	Office Furniture and Equipment	16.67%	3,842	(10,170)	-	-	-	-	-	-	-	-	-	-	-
391	Transportation Equipment	16.67%	5,356	(364)	-	-	-	-	-	-	-	-	-	-	-
393	Tools, Shop and Garage Equipment	6.67%	1,519	1,139	380	1,519	1,519	185	-	-	-	-	-	-	3,603
			$ 113,276	$ 67,524	$ 26,020	$ 104,078	$ 104,078	$ 102,410	$ 101,892	$ 101,892	$ 101,892	$ 101,892	$ 101,892	$ 101,892	$ 947,938
Depreciation Balances By Year															
352	Franchises		2,382	2,707	2,815	3,248	3,681	4,114	4,547	4,980	5,413	5,846	6,279	6,712	
354	Structures and Improvements		91,222	99,513	102,277	113,332	124,387	135,442	146,497	157,552	168,607	179,662	190,717	201,772	
355	Power Generation Equipment			-	-	-	-	2,390	7,171	11,952	16,733	21,514	26,295	31,076	
360	Collection Sewers - Force		17,727	22,001	23,425	29,817	37,880	47,988	62,170	80,051	101,632	126,914	153,584	181,643	
361	Collection Sewers - Gravity		718,250	750,039	760,636	803,022	848,348	899,675	954,061	1,008,447	1,062,833	1,117,219	1,171,605	1,225,991	
362	Special Collecting Structures		25,459	29,141	30,368	37,188	49,808	69,084	92,731	119,588	148,050	176,512	204,974	233,436	
363	Services to Customers		2,354	2,603	2,686	3,018	3,550	4,894	6,849	8,804	10,759	12,714	14,669	16,624	
364	Flow Measuring Devices		1,000	1,500	1,667	2,334	3,001	3,334	3,334	3,334	3,334	3,334	3,334	3,334	
380	Treatment and Disposal Equipment		519,645	547,454	556,724	593,803	630,882	669,541	709,781	754,976	815,445	886,234	962,814	1,045,185	
390	Office Furniture and Equipment		33,218	23,048	23,048	23,048	23,048	23,048	23,048	23,048	23,048	23,048	23,048	23,048	
391	Transportation Equipment		32,493	32,129	32,129	32,129	32,129	32,129	32,129	32,129	32,129	32,129	32,129	32,129	
393	Tools, Shop and Garage Equipment		18,036	19,175	19,555	21,074	22,593	22,778	22,778	22,778	22,778	22,778	22,778	22,778	
			$ 1,461,786	$ 1,529,310	$ 1,555,330	$ 1,662,013	$ 1,779,307	$ 1,914,417	$ 2,065,096	$ 2,227,639	$ 2,410,761	$ 2,607,904	$ 2,812,226	$ 3,023,728	
Note: Summary of depreciation as follows															
	Existing Plant		$ -	$ 67,524	$ 26,020	$ 104,078	$ 104,078	$ 102,410	$ 101,892	$ 101,892	$ 101,892	$ 101,892	$ 101,892	$ 101,892	$ 947,938
	Invested Additions		-	-	-	2,605	7,509	16,077	24,647	34,200	52,468	64,177	71,356	78,536	351,575
	Contributed additions		-	-	-	-	5,707	16,623	24,140	26,451	28,762	31,074	31,074	31,074	194,905
	Total Additions		$ -	$ 67,524	$ 26,020	$ 106,683	$ 117,294	$ 135,110	$ 150,679	$ 162,543	$ 183,122	$ 197,143	$ 204,322	$ 211,502	$ 1,494,418

Forest Utilities, Inc
Summary of CIAC Additions by Year
December 31, 2000 through December 31, 2010

NARUC Account	Description	September 30, 2001	December 31, 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
CIAC Additions By Year (See Schedule No. 9)													
271.100	Capacity Charges-existing rate	16,875											-
271.354	CIAC Structures & Improvements	-	-	-	-							-	-
271.360	CIAC Collection Sewers - Force				$ 16,956	22,461	$ 69,410		$ 69,410				178,237
271.361	CIAC Collection Sewers - Gravity				205,614	213,960							419,574
271.362	CIAC Special Collecting Structures				114,230	58,089							172,319
271.363	CIAC Services to Customers	-	-	-	15,232	46,470	-	-	-	-	-	-	61,702
		$ 16,875	$ -	$ -	$ 352,032	$ 340,980	$ 69,410	$ -	$ 69,410	$ -	$ -	$ -	$ 831,832
Additional Capacity Charges by Year													
	Total ERC's to be added			42.0	98.0	110.0	160.0	126.5	100.5	66.5	61.5	41.0	806.0
	Rate			1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998
	Total Additional Capacity Fees			83,916	195,804	219,780	319,680	252,747	200,799	132,867	122,877	81,918	1,610,388
CIAC Balances By Year													
271.100	Capacity Charges	1,129,369	1,129,369	1,213,285	1,409,089	1,628,869	1,948,549	2,201,296	2,402,095	2,534,962	2,657,839	2,739,757	
271.354	Structures & Improvements	58,875	58,875	58,875	58,875	58,875	58,875	58,875	58,875	58,875	58,875	58,875	
271.360	CIAC Collection Sewers - Force	15,725	15,725	15,725	32,681	55,142	124,552	124,552	193,962	193,962	193,962	193,962	
271.361	CIAC Collection Sewers - Gravity	1,344,538	1,344,538	1,344,538	1,550,152	1,764,112	1,764,112	1,764,112	1,764,112	1,764,112	1,764,112	1,764,112	
271.362	CIAC Special Collecting Structures	37,500	37,500	37,500	151,730	209,819	209,819	209,819	209,819	209,819	209,819	209,819	
271.363	CIAC Services to Customers	10,047	10,047	10,047	25,279	71,749	71,749	71,749	71,749	71,749	71,749	71,749	
	Totals	$ 2,596,054	$ 2,596,054	$2,679,970	$3,227,806	$3,788,566	$4,177,656	$4,430,403	$4,700,612	$4,833,479	$4,956,356	$5,038,274	

Forest Utilities, Inc
Summary of CIAC Amortization by Year
December 31, 2000 through December 31, 2010

NARUC Account	Description	Rate	September 30, 2001	December 31, 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total 10/01 - 12/10
CIAC Amortization For Additions By Year														
271.360	CIAC Collection Sewers - Force	3.33%	-	-	-	282	939	2,469	3,624	4,780	5,935	5,935	5,935	29,899
271.361	CIAC Collection Sewers - Gravity	2.86%	-	-	-	2,940	8,941	12,000	12,000	12,000	12,000	12,000	12,000	83,881
271.362	CIAC Special Collecting Structures	4.00%	-	-	-	2,285	5,731	6,893	6,893	6,893	6,893	6,893	6,893	49,374
271.363	CIAC Services to Customers	2.63%	-	-	-	200	1,012	1,623	1,623	1,623	1,623	1,623	1,623	10,950
			$ -	$ -	$ -	$ 5,707	$ 16,623	$ 22,985	$ 24,140	$ 25,296	$ 26,451	$ 26,451	$ 26,451	$ 174,104
CIAC Amortization of Future Service Availability Charges														
271.100	Capacity Charges	3.46%		$ 1,452	$ 3,387	$ 6,705	$ 15,208	$ 21,656	$ 31,818	$ 39,388	$ 46,162	$ 50,051	$ 80,745	296,572
CIAC Amortization for Existing CIAC														
271.100	Capacity Charges	3.46%	$ 29,307	$ 9,769	$ 39,076	$ 39,076	$ 39,076	$ 39,076	$ 39,076	$ 39,076	$ 39,076	$ 39,076	$ 39,076	361,453
271.354	CIAC Structures & Improvements	2.86%	1,263	421	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	15,577
271.360	CIAC Collection Sewers - Force	3.33%	393	131	524	524	524	524	524	524	524	524	524	4,847
271.361	CIAC Collection Sewers - Gravity	2.86%	28,840	9,614	38,454	38,454	38,454	38,454	38,454	38,454	38,454	38,454	38,454	355,700
271.362	CIAC Special Collecting Structures	4.00%	1,125	375	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	13,875
271.363	CIAC Services to Customers	2.63%	198	66	264	264	264	264	264	264	264	264	264	2,442
			$ 61,126	$ 20,376	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 753,894
CIAC Amortization Balances By Year														
271.100	Capacity Charges		$ 603,662	$ 614,883	$ 657,346	$ 703,127	$ 757,411	$ 818,143	$ 889,037	$ 967,501	$ 1,052,739	$ 1,141,866	$ 1,261,687	
271.354	CIAC Structures & Improvements		5,473	5,894	7,578	9,262	10,946	12,630	14,314	15,998	17,682	19,366	21,050	
271.360	CIAC Collection Sewers - Force		6,415	6,546	7,070	7,876	9,339	12,332	16,480	21,784	28,243	34,702	41,161	
271.361	CIAC Collection Sewers - Gravity		656,093	665,707	704,161	745,555	792,950	843,404	893,858	944,312	994,766	1,045,220	1,095,674	
271.362	CIAC Special Collecting Structures		18,375	18,750	20,250	24,035	31,266	39,659	48,052	56,445	64,838	73,231	81,624	
271.363	CIAC Services to Customers		3,237	3,303	3,567	4,031	5,307	7,194	9,081	10,968	12,855	14,742	16,629	
			$ 1,293,255	$ 1,315,083	$ 1,399,972	$ 1,493,886	$ 1,607,219	$ 1,733,362	$ 1,870,822	$ 2,017,008	$ 2,171,123	$ 2,329,127	$ 2,517,825	

Note: Summary of depreciation as follows:

CIAC Amortization on Existing CIAC	$ 20,376	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 81,502	$ 753,894
Amortization of new contributed property	-	-	5,707	16,623	22,985	24,140	25,296	26,451	26,451	26,451	26,451	174,104
CIAC Amortization on Proposed Capacity Fees	1,452	3,387	6,705	15,208	21,656	31,818	39,388	46,162	50,051	80,745		296,572
	$ 21,828	$ 84,889	$ 93,914	$ 113,333	$ 126,143	$ 137,460	$ 146,186	$ 154,115	$ 158,004	$ 188,698	$ 1,224,570	

Schedule No. 8

Forest Utilities, inc.
Calculation of Allowance for Funds Used During Construction
Wastewater System Facilities Upgrade

	Month	Accumulated CWIP - Beginning of Month	Direct Construction	Accumulated CWIP - End of Month	Average CWIP Balance	Monthly AFUDC (1)	Total Capitalized
1	January			$ -	$ -	$ -	$ -
2	February	$ -	$ -	-	-	-	-
3	March	-	12,227	12,227	6,114	50	12,277
4	April	12,277	24,455	36,732	24,505	200	36,932
5	May	36,932	31,920	68,852	52,892	433	69,285
6	June	69,285	39,386	108,671	88,978	727	109,398
7	July	109,398	49,305	158,703	134,051	1,095	159,798
8	August	159,798	58,338	218,136	188,967	1,543	219,679
9	September	219,679	64,566	284,245	251,962	2,058	286,303
10	October	286,303	64,566	350,869	318,586	2,604	353,473
11	November	353,473	101,391	454,864	404,169	3,303	458,167
12	December	458,167	101,391	559,558	508,863	4,159	563,717
13	January	563,717	101,391	665,108	614,413	5,022	670,130
14	February	670,130	101,396	771,526	720,828	5,562	777,088
15	March	777,088	95,781	872,869	824,979	5,660	878,529
16	April	878,529	83,325	961,854	920,192	4,701	966,555
17	May	966,555	46,500	1,013,055	989,805	5,119	1,018,174
18	June	1,018,174	42,942	1,061,116	1,039,645	4,843	1,065,959
19	July	1,065,959	39,386	1,105,345	1,085,652	5,204	1,110,549
20	August	1,110,549	39,386	1,149,935	1,130,242	5,569	1,155,504
21	September	1,155,504	39,386	1,194,890	1,175,197	5,936	1,200,826
22	October	1,200,826	39,386	1,240,212	1,220,519	6,306	1,246,518
23	November	1,246,518	39,386	1,285,904	1,266,211	6,680	1,292,584
24	December	1,292,584	27,150	1,319,734	1,306,159	-	1,319,734
			$ 1,242,960			$ 76,774	$ 1,319,734

Notes: (1) AFUDC is based on an annual rate of 10.26%, discounted to a monthly rate of 0.8172466%

(2) There are 6 projects comprising the activity shown above which are scheduled to begin in 2002 and be completed in 2009. The projects range in duration from 6 months to 21 months, and are consolidated above into a 24 month block for clarity. A summary of those projects is listed below:

Project		Begin	End	Duration (Months)
A.	Emergency Generator	2003	2004	7.5
B.	Backwash Filter	2005	2006	6
C.	Sludge Drying Bed	2003	2004	11.5
D.	Chlorine Contact Chamber	2005	2006	7.5
E.	Automatic Screening Facilities	2008	2009	19.5
F.	Flow Equalization Tank	2006	2007	21

(3) The AFUDC calculation shown above is adjusted to show the actual AFUDC charge to construction work in progress based on the actual construction period shown in Note (2) above. Detail of this calculation is available on request.

Forest Utilities, Inc
Summary of Engineering Estimates
December 31, 2000 through December 31, 2010

Description	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total 10/01 - 12/10
Projects Qualifying for AFUDC (Projected charges to CWIP)										
Direct Construction										
Project (A)		$ 56,052	$ 37,368							$ 93,420
Project (B)				$ 73,650	$ 147,300					220,950
Project (C)		42,684	39,126							81,810
Project (D)				30,855	11,225					42,080
Project (E)							$ 111,982	$ 179,168		291,150
Project (F)					232,322	$ 281,228				513,550
Total Direct Construction	-	98,736	76,494	104,505	390,847	281,228	111,982	179,168	-	1,242,960
AFUDC Accrued										-
Project (A)		1,052	1,142							2,194
Project (B)				603	3,195					3,798
Project (C)		1,059	2,552							3,611
Project (D)				707	281					988
Project (E)							3,505	18,394		21,899
Project (F)					9,246	35,038				44,284
Total AFUDC	-	2,111	3,694	1,310	12,722	35,038	3,505	18,394	-	76,774
Total Capitalized	-	100,847	80,188	105,815	403,569	316,266	115,487	197,562	-	1,319,734
Short Term Projects Not Qualifying for AFUDC										
Project (G)	$ 41,700	41,700	41,700	41,700	41,700	41,700	41,700	41,700	$ 41,700	375,300
Project (H)	80,240	80,240	80,240	80,240	80,240					401,200
Project (I)	15,290									15,290
Total	137,230	121,940	121,940	121,940	121,940	41,700	41,700	41,700	41,700	791,790
Contributed Property (Asset) Additions										
Tracy Chase		352,032								352,032
The Forest Phase V			340,980							340,980
Lee County Industrial Park (2)				138,820		138,820				277,640
Total Contributed Assets	-	352,032	340,980	138,820	-	138,820	-	-	-	970,652
Total Asset Additions	$ 137,230	$ 574,819	$ 543,108	$ 366,575	$ 525,509	$ 496,786	$ 157,187	$ 239,262	$ 41,700	$ 3,082,176
Contributed Property (CIAC) Additions										
Tracy Chase		$ 352,030								$ 352,030
The Forest Phase V			$ 340,980							340,980
Lee County Industrial Park (2)				$ 69,410		$ 69,410				138,820
Total Property CIAC	$ -	$ 352,030	$ 340,980	$ 69,410	$ -	$ 69,410	$ -	$ -	$ -	$ 831,830

Notes: (1) Summary descriptions are as follows. More detailed information can be found in the Engineer's reports.
Project (A):Treatment plant emergency generator and enclosure; Estimated Start: August, 2003; Estimated Completion: March, 2004
Project (B): Automatic backwash effluent filter; Estimated Start: November, 2005; Estimated Completion: April, 2006
Project (C): Sludge drying bed expansion and holding bin; Estimated Start: July, 2003; Estimated Completion: June 2004
Project (D): Chlorine contact chamber and chlorine storage enclosure; Estimated Start: July, 2005; Estimated Completion : February, 2006
Project (E): Grit removal and automatic screening facilities; Estimated Start: May, 2008; Estimated Completion: December, 2009
Project (F): Flow equalization tank addition; Estimated Start: March, 2006; Estimated Completion: December, 2007
Project (G): Inflow/Infiltration Evaluation and Sytsem Rehabilitation; Continuing project
Project (H): Lift Station Improvements, Continuing project to upgrade 13 lift stations; Estimated Start: 2002; Estimated Completion: 2006
Project (I): Emergency lift station pump and portable generator: Estimated purchase date: 2002
(2) Lee County Industrial Park will share the cost of construction for the facilities required to service this area. One hundred percent of the cost is included in plant, while fifty percent of the cost (the contributed portion) is included in CIAC.

Forest Utilities, Inc.
Schedule Of Active Customers On Line And
ERC's by Meter Size and Customer Class
September 30, 2001

	No. Of Customers	Meter Size	ERC Factor	Factored ERC's
Residential and Multi Family	2,022	5/8 X 3/4	1.0	2,022
General Service				
	16	5/8 X 3/4	1.0	16
	21	3/4"	1.5	32
	4	1.0"	2.5	10
	3	1.5"	5.0	15
	5	2.0"	8.0	40
Total General Service	49			113
Total	2,071			2,135

Forest Utilities, Inc.
Schedule Of Capital Structure
September 30, 2001

	Dollar Amount	Percentage Of Capital	Cost Rate	Weighted Cost
COMMON EQUITY	$ 178,417	36.16%	9.93%	3.59%
LONG TERM DEBT				0.00%
MORTGAGE	299,025	60.60%	10.75%	6.51%
TRUCK LOAN	-	0.00%	8.14%	0.00%
CUSTOMER DEPOSTS	2,345	0.48%	6.00%	0.03%
DEFERRED INCOME TAXES	13,625	2.76%	0.00%	0.00%
	$ 493,412	100.00%		10.13%

SCHEDULE NO. 11

Forest Utilities, Inc.
Wastewater Service Availibility Case
Detailed Statements Concerning Costs And Capacities
Source, Inc., Engineers - Planners

(A) Collection System

Most of the off-site facilities are contributed to Forest by developers. Most of the facilities to serve the remaining service territory will also be contributed by the developers. Certain upgrade and rehabilitation work is necessary to maintain compliance with DEP Chapter 62-600.

(B) Cost, Account Nos., Capacity & Timetable Of Proposed Plant Upgrades

The cost and Uniform System of Account numbers for the proposed plant upgrade and expansion (including AFUDC) are shown on Schedules No. 5 and 9. These schedules are based on the engineering estimates prepared by Source, Inc.

(C) How Proposed Expansion & Upgrade Will Affect Capacity Of The Existing Plant

The existing and proposed treatment plants have an average daily capacity of 0.500 mgd. The upgrades to certain portions of the plant are necessary to maintain compliance with 1999 DEP 62-610 rules.

(D) Projected Growth Rate For Utilization Of Existing & Proposed Capacity

The proposed plant upgrade & expansion is designed to meet the buildout demands of the Forest Utilities sewer service area in 2010. The Utility's service population consists of a large portion of multiple family complexes. Approximatly 2,941 ERC's will be served at buildout (based on 170gpd/ERC). Approximately 2,135 ERC's are presently being served (based on 170 gpd/ERC). The growth by year was determined by Source, Inc., based on their knowledge of exiting and planned projects within the service area, pace of growth, and planned activity to build-out. The highest growth is expected in 2005, when the Lee County Industrial Park comes on-line.

FOREST UTILITIES, INC.
WASTEWATER SERVICE AVAILABILITY CASE
STATEMENT REGARDING EXISTING AND PROPOSED ON-SITE AND
OFF-SITE MAIN INSTALLATION POLICY
September 30, 2001

UNDER FOREST'S EXISTING MAIN EXTENSION POLICY, DEVELOPERS ARE REQUIRED TO CONTRIBUTE ALL ON-SITE AND OFF-SITE FACILITIES NECESSARY TO PROVIDE SERVICE. THIS POLICY HAS BENEFITTED FOREST'S CUSTOMERS. NO CHANGE TO THIS POLICY IS PROPOSED.

FOREST UTILITIES, INC.

Application for Increase in
Wastewater Service Availability Charges

ENGINEERING INFORMATION

EXHIBIT D

FOREST UTILITIES, INC.

SCHEDULE OF IMPROVEMENTS/COST OPINION

September 12, 2001

Prepared by

SOURCE, INC.
FL Eng. Bus. #2627

1334 Lafayette Street
Cape Coral, FL 33904
(941) 549-2345

Revised September 19, 2001
Revised September 21, 2001

I. COLLECTION/TRANSMISSION SYSTEMS - LINES & LATERALS

1. Inflow-Infiltration Evaluation and System Rehabilitation

In accordance with DEP Chapter 62-600, a sewer utility is required to conduct investigations to identify excessive inflow and infiltration within the collection system from high groundwater or flooding conditions if excessive flows cause operational problems at the treatment plant. Forest Utilities experiences significant infiltration during high rainfall/high water table events. Evaluation of the collection system to identify areas that require repair or rehabilitation include review of lift station run-time logs, video logging the collection system, manhole inspections and smoke testing. Rehabilitation methods include point repairs, section replacements, lining and grouting pipe joints.

Excessive infiltration is defined, by rule, not to exceed 200 gallons per inch of gravity sewer pipe diameter per mile per day for any section of the system. Based on our experience with similar utility systems, we recommend the following program:

A. *Evaluation*: Including cleaning, videotaping, log review and manhole inspections. Evaluate approximately 7,800 LF of the collection system per year, beginning 2002 through 2010.

B. *Rehabilitation*: Based on the evaluation, perform point repairs of laterals, seal manholes, repair laterals, and grout and seal pipe joints on an annual basis of the select 7,800 LF collection system area.

C. *Cost Opinion for Evaluation and Repair Program:*

1) Evaluation Cost per Year	$ 11,700.00
2) Repair Budget Cost per Year	30,000.00
TOTAL (for nine years)	$ 375,300.00

2. Lift Station Improvements

The Forest Utilities system includes 27 lift stations that function to transport raw wastewater from tributary collection systems to the treatment plant. Due to system customer growth and manifolding parts of the force main transmission system, 13 lift stations were identified as requiring modification to provide adequate sewer service availability and reliability. The modifications noted include replacement of larger capacity pumping units and electrical panel upgrades. Lift stations identified are Nos. 6, 8, 11 through 15, 17, 19, 20 and 23 through 25. Lift stations modifications are scheduled to begin in year 2002 and be completed in year 2006.

Revised September 19, 2001
Revised September 21, 2001

C17

A. *Cost Opinion for Lift Station Improvements*

1) 13 Lift Stations @ $24,000	$ 312,000.00
2) Engineering hydraulic analysis, review, specification preparation	15,000.00
3) Permitting, regulatory fees	8,000.00
4) Contingency @ 10% Improvement Cost	31,200.00
5) Administrative costs, project management	35,000.00
TOTAL PROJECT COST	$ 401,200.00

3. Emergency Lift Station Portable Pump and Portable Generator

In accordance with DEP Chapter 62-604, lift stations shall be equipped with couplings and piping for temporary pumping systems as well as receptacles for power-generating equipment. Forest Utilities lift stations are equipped with the piping and connector assemblies but need to purchase the portable gasoline-powered pump unit and portable engine generator. Purchase of this equipment is scheduled for year 2002.

A. *Cost Opinion for Emergency Equipment*

1) One 4" HD 15 hp pump unit mounted on DOT trailer with suction/discharge hoses	$ 6,800.00
2) One 10,000 watt portable generator with cable and connectors	4,600.00
3) 10' x 12' enclosed trailer for generator and emergency equipment	2,500.00
4) Contingency @ 10%	1,390.00
TOTAL COST	$ 15,290.00

TOTAL COST COLLECTION/TRANSMISSION SYSTEM IMPROVEMENTS **$ 791,790.00**

NOTE: Costs presented are expressed in 2001 dollar values.

Revised September 19, 2001
Revised September 21, 2001

II. TREATMENT PLANT AND DISPOSAL FACILITIES

The existing Forest Utilities treatment plant has a rated capacity of 500,000 gallons per day AADF. The treatment process is complete mix activated sludge Type I, designed to meet effluent standards suitable for reuse disposal. Projections are, based on the records and information provided in the Capacity Analysis Report dated March 31, 2001, that the existing treatment facilities will have adequate capacity for 2,900 customers at the franchise build-out in year 2010. Several facility modifications, additions and upgrades will be necessary to provide the current level of service and to meet the current DEP Chapter 62-610 regulations for the reuse of reclaimed water and land application systems.

Several DEP rule changes have occurred since the existing plant was constructed in 1980, effectively eliminating "grandfathered" protection and stipulating plant facilities are to be in full compliance by January 1, 2010. The following facilities additions and modifications will be required based on our review of the existing Forest Utilities plant and rule interpretation:

1. Flow Equalization Tank Addition

The existing 275,000 gallon flow equalization tank has not been adequate since use of an adjacent 375,000 gallon compartment designated for treated effluent storage has been used on several occasions for raw sewage overflow during emergency events such as mechanical breakdown and prolonged power outages. DEP has stated concerns over the overflows to the effluent basin and has suggested that additional equalization storage be provided as influent flows increased. Based on the assumption that flows will increase approximately 30% at franchise build-out, additional flow equalization/surge capacity of a minimum of 235,000 gallons is recommended, complete with piping and mixing equipment. This project is scheduled to begin March 15, 2006 and be completed by mid-December, 2007.

A. *Cost Opinion for Equalization Tank Addition*

1) One 235,000 gallon aboveground, glass-lined steel tank with walkway, platform, piping and aeration/mixing equipment, controls	$ 350,500.00
2) Modifications to existing equalization tank including piping	40,000.00
3) Engineering design, survey and permitting fees	39,000.00
4) Contingency @ 10% of cost	39,050.00
5) Administrative costs, project management	45,000.00
TOTAL PROJECT COST	$ 513,550.00

Revised September 19, 2001
Revised September 21, 2001

2. Treatment Plant Emergency Generator and Enclosure

This improvement is required by DEP regulation as an alternate source of electrical power and is necessary to meet the EPA Class One reliability standard. This project is scheduled to begin August 15, 2003 and be complete by March, 2004.

A. *Cost Opinion for Emergency Generator Additions*

1) One 216 hp 130 kW diesel generator set mounted on a double-wall fuel tank base	$ 45,500.00
2) One automatic transfer switch	7,500.00
3) Installation, electrical modifications	18,200.00
4) Weather/sound-proof enclosure	4,500.00
5) Engineering and permitting fees	5,600.00
6) Contingency @ 10% of cost	7,120.00
7) Administrative costs, project management	5,000.00
TOTAL PROJECT COST	$ 93,420.00

3. Automatic Backwash Effluent Filter

This improvement is required by DEP regulation as a redundant or standby unit of filtration for emergency and maintenance purposes. A second filter is required to meet the EPA Class One reliability standard. This project is scheduled to begin November 1, 2005 and be complete by April, 2006.

2 + 4 = 6 mos

A. *Cost Opinion for Automatic Backwash Effluent Filter*

1) One 500,000 gpd rated traveling bridge automatic backwash filter unit	$ 135,000.00
2) Concrete foundation and interconnecting piping	4,000.00
3) Electrical connection and power wiring	3,500.00
4) Assembly and installation	27,000.00
5) Engineering and permitting fees	17,000.00
6) Contingency @ 10% of cost	16,950.00
7) Administrative costs, project management	17,500.00
TOTAL PROJECT COST	$ 220,950.00

4. Sludge Drying Bed Expansion and Holding Bin

This improvement is necessary due to increased sludge generated as tributary flow increases. Multiple drying beds are required to facilitate operation cycling. During rainfall events, a covered storage bin is necessary to maintain dewatered sludge moisture content for handling and disposal. This project is scheduled to begin July 1, 2003 and be complete by June 15, 2004.

Revised September 19, 2001
Revised September 21, 2001

A. *Cost Opinion for Sludge Drying Bed and Holding Bin Addition*

1) Small tractor with end-loading attachment	$ 12,000.00
2) Two 5,000 SF sludge drying beds, concrete block construction, filter media and under-drain	22,600.00
3) One 30,000 CF covered sludge holding bind	24,000.00
4) Piping modifications for inlet and drain	6,000.00
5) Engineering and permitting fees	6,500.00
6) Contingency @ 10% of cost	6,460.00
7) Administrative costs, project management	4,250.00
TOTAL PROJECT COST	$ 81,810.00

5. Chlorine Contact Chamber and Chlorine Storage Enclosure

This project will provide a redundant contact tank, a contained chlorine gas storage space and a contained point of chlorine injection as required by DEP rules. This project is scheduled to begin July 15, 2005 and be complete by February, 2006.

A. *Cost Opinion for Chlorine Contact Chamber and Chlorine System Improvements*

1) Chlorine contact tank addition	$ 22,500.00
2) 12' x 18' enclosed chlorine storage building with safety equipment	6,800.00
3) Piping modifications	3,500.00
4) Engineering and permitting fees	3,500.00
5) Contingency @ 10% of cost	3,280.00
6) Administrative costs, project management	2,500.00
TOTAL PROJECT COST	$ 42,080.00

6. Grit Removal and Automatic Screening Facilities

This addition is required by DEP regulations to provide preliminary treatment system including equipment to wash organics from the screenings and grit for return to the raw sewage inflow. Screenings and grit are to be removed for disposal to landfill. This project is scheduled to begin May 15, 2008 and be complete by December, 2009.

A. *Cost Opinion for the Grit and Automatic Screenings Facilities*

1) Nominal 0.50 mgd capacity	$ 170,000.00
2) Foundation, access platform	34,000.00
3) Installation and electrical connections	28,000.00
4) Piping modifications	4,500.00
5) Engineering and permitting fees	24,500.00
6) Contingency @ 10% of cost	23,650.00
7) Administrative costs, project management	6,500.00
TOTAL PROJECT COST	$ 291,150.00

Revised September 19, 2001
Revised September 21, 2001

Revised September 19, 2001
Revised September 21, 2001

SOURCE, INC.
Engineers - Planners
FL Eng Business #2627

James P. Elliott, P.E., President
Timothy E. Pugh, P.E., Vice President

1334 Lafayette Street
Cape Coral, FL 33904
(941) 549-2345
Fax (941) 549-6779
e-mail: sourceinc@att.net
Visit our Website @ www.sourceinc.bizland.com

October 31, 2001

Mr. Paul E. DeCharno
Cronin, Jackson, Nixon & Wilson
2560-200 Gulf-to-Bay Boulevard
Clearwater, FL 33765

Re: Engineer's Preliminary Cost Opinion for Master Plan
Sewer Service Extensions
Forest Utilities WWTP Service Availability Case
S. I. Project No. 170-01-01

Dear Paul:

We have prepared conceptual Master Plan collection system layouts and preliminary planning cost opinions for the following future development areas within the Forest Utilities, Inc. sewer franchise territory:

A. A project to the north is Tracy Chase consisting of approximately 30.2 acres with frontage on US 41. A concept plan that included a mixed use development was provided by a prospective developer . Our Preliminary Cost Opinion for the collection/transmission system is $352,030.00 as shown on the attached Construction Cost Opinion, page 1 of 3. This proposed central collection/transmission system will be developer-contributed.

B. A project designated as The Forest Phase V is proposed south of The Forest development and connected to The Forest. This proposed development will consist of 80 large-lot single-family homesites on 60 acres. Our Preliminary Cost Opinion for this project conceptual sewer collection/transmission system is $340,980.00 as shown on the attached Construction Cost Opinion, page 2 of 3. This proposed central collection/transmission system will be developer-contributed.

C. Sewer service is planned for an existing industrial/commercial subdivision that is located east of The Forest along US 41. A pressure force main collection system network has been designed for this area to provide central sewer services to existing businesses that presently are on septic tank systems. Our Preliminary Cost Opinion to serve this area is $277,640.00 as shown on the attached Construction Cost Opinion, page 3 of 3. Forest Utilities will pay one-half of the force main collection project or about $138,820.00. This project will be constructed in phases as service demand dictates. A master lift station was constructed to serve two businesses in this industrial/commercial area with collection system manhole terminations installed to facilitate the service extensions.

We trust the information submitted is sufficient to enable you to complete the PSC Service Availability case for Forest Utilities, Inc. However, if you have any questions or require format changes, please do not hesitate to call.

Very truly yours,

SOURCE, INC.

James P. Elliott, P. E.
President

JPE/kac
Enclosures
cc/enc: Wade Moser

CONSTRUCTION COST OPINION

SOURCE, INC. **Engineers - Planners**
1334 Lafayette Street
Cape Coral, FL 33904
Telephone (941) 549-2345
Fax (941) 549-6779

Project No.	170-01-01
Project	Master Plan
Forest Utilities, Inc. Wastewater Service	
Extensions to Serve Tracy Chase	

Take-Off By:	JPE	**Date:**	10/30/01
Cost Opinion:	JPE	**Date:**	10/30/01

TYPE ☐ **Preliminary Planning** ☐ **Pre-Design** ☐ **Design Final**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Opinion of Cost
1.	8-inch PVC sewer main	3,840	LF	25.00	$ 96,000.00
2.	Manholes	22	ea.	3,000.00	66,000.00
3.	Double sewer services	15	ea.	800.00	12,000.00
4.	4-inch PVC force main	720	LF	8.00	5,760.00
5.	6-inch PVC force main	450	LF	12.00	5,400.00
6.	Force main tie-in	1	LS	2,200.00	2,200.00
7.	Lift stations	2	LS	45,000.00	90,000.00
8.	Engineering design, permitting	1	LS	16,000.00	16,000.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
	Sub Total Construction Cost Opinion				293,360.00
	Plus Construction Contingency			20%≈	58,672.00
	Plus Projected Inflation Cost				
	Total Construction Cost Opinion				
	TOTAL PROJECT COST OPINION (Construction Cost) *			**%**	**$ 352,032.00**

* *Note: Costs in 2001 dollar values*

CONSTRUCTION COST OPINION

SOURCE, INC. **Engineers - Planners**
1334 Lafayette Street
Cape Coral, FL 33904
Telephone (941) 549-2345
Fax (941) 549-6779

Project No.	170-01-01
Project	Master Plan
Forest Utilities, Inc. Wastewater Service	
Extensions to Serve The Forest Phase V	

Take-Off By:	JPE	**Date:**	10/30/01
Cost Opinion:	JPE	**Date:**	10/30/01

TYPE ☐ **Preliminary Planning** ☐ **Pre-Design** ☐ **Design Final**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Opinion of Cost
1.	8-inch PVC sewer main	4,710	LF	25.00	$ 117,750.00
2.	Manholes	16	ea.	3,000.00	48,000.00
3.	Double sewer services	30	ea.	800.00	24,000.00
4.	Single sewer services	20	ea.	600.00	12,000.00
5.	4-inch PVC force main	1,900	LF	8.00	15,200.00
6.	Force main tie-in	1	LS	2,200.00	2,200.00
7.	Lift stations	1	LS	45,000.00	45,000.00
8.	Engineering design, permitting	1	LS	20,000.00	20,000.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
	Sub Total Construction Cost Opinion				284,150.00
	Plus Construction Contingency			20%≈	56,830.00
	Plus Projected Inflation Cost				
	Total Construction Cost Opinion				
	TOTAL PROJECT COST OPINION (Construction Cost) *			**%**	**$ 340,980.00**

** Note: Costs in 2001 dollar values*

CONSTRUCTION COST OPINION

SOURCE, INC. **Engineers - Planners**
1334 Lafayette Street
Cape Coral, FL 33904
Telephone (941) 549-2345
Fax (941) 549-6779

Project No.	170-01-01
Project	Master Plan
Forest Utilities, Inc. Wastewater Service	
Extensions to Serve S. Lee Co. Industrial Park	

Take-Off By:	JPE	**Date:**	10/30/01
Cost Opinion:	JPE	**Date:**	10/30/01

TYPE ☐ **Preliminary Planning** ☐ **Pre-Design** ☐ **Design Final**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Opinion of Cost
1.	3-inch PVC force main	1,900	LF	6.00	$ 11,400.00
2.	4-inch PVC force main	5,200	ea.	8.00	41,600.00
3.	Pressure fittings	1	LS	1,500.00	1,500.00
4.	Line valves	3	ea.	200.00	600.00
5.	Directional bore driveways	1,390	LF	20.00	27,800.00
6.	Pressure sewer services	61	ea.	400.00	24,400.00
7.	Tie-ins manholes	3	ea.	1,000.00	3,000.00
8.	Pavement replacement	980	LF	30.00	29,400.00
9.	ROW restoration	1	LS	30,000.00	30,000.00
10.	Engineering services	1	LS	20,000.00	20,000.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
	Sub Total Construction Cost Opinion				189,700.00
	Plus Construction Contingency			20%≈	37,940.00
	Plus Projected Inflation Cost				
	Total Construction Cost Opinion				
	TOTAL PROJECT COST OPINION (Construction Cost) *			**%**	**$ 227,640.00**

* *Note: Costs in 2001 dollar values*

FOREST UTILITIES, INC.
CUSTOMER, CONNECTION & ERC PROJECTIONS
November 1, 2001

ERC = 170 gpd

Connection(s) Location	Connections											Total Connections	Total Customers	Total ERC
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010			
Existing		1673	1696	1716	1737	1770	1843	1896	1928	1949	1965	1673	2032	2078
The Forest		6	5	5	3	3	2	1	1	1		27	27	27
The Forest Ph. V					15	15	15	15	10	5	5	80	80	80
Falcon Crest		3	2									5	5	5
Biscayne Estates			1									1	1	1
Terraverde CC		3	2	2	3	3	2	2	1	1		19	226	226
Tracy Chase				5	4	4	4	4	3	3	3	30	363	363
Lee Co. Indus. Pk.						40	30	10	6	6		92	92	115
Waterway Bay		2	2	2	2	2						10	10	10
Devonwood		9	8	7	6	6						36	36	36
TOTALS	1673	1696	1716	1737	1770	1843	1896	1928	1949	1965	1973	1973	2872	2941
Customers														
Existing		2032	2088	2130	2228	2338	2488	2607	2705	2770	2830			
Residential 3/4"	573	20	18	14	26	26	17	16	11	6	5		732	
Comm/Multi-family 3/4"	1066					40	30	10	6	6			1158	
1"	226	36	24	84	84	84	72	72	48	48	36		814	
1-1/2"	159												159	
2"	4												4	
Non-metered	4												4	
TOTALS	2032	2088	2130	2228	2338	2488	2607	2705	2770	2830	2871		2872	

FOREST UTILITIES, INC.

Application for Increase in
Wastewater Service Availability Charges

THE UTILITY'S CURRENT AREAS RECEIVING SERVICE ARE AT OR VERY NEAR BUILD-OUT. AS SUCH, THERE ARE NO OUTSTANDING DEVELOPER AGREEMENTS IN AREAS CURRENTLY SERVED. THE NEWER AREAS INTENDED FOR SERVICE WITHIN THE CERTIFICATED TERRITORY HAVE NOT YET BEEN THE SUBJECT OF ANY FORMAL CORRESPONDENCE OR DISCUSSION AND AS SUCH THERE ARE NO OUTSTANDING DEVELOPER AGREEMENTS RELATED THERETO.

EXHIBIT E

FOREST UTILITIES, INC.

Application for Increase in
Wastewater Service Availability Charges

DEP PERMITS

EXHIBIT F

Department of Environmental Protection

Jeb Bush
Governor

South District
P.O. Box 2549
Fort Myers, Florida 33902-2549

David B. Struhs
Secretary

STATE OF FLORIDA
NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL NO. 7000 0600 0023 1555 8408
RETURN RECEIPT REQUESTED

In the Matter of an Application
for Permit by:

Forest Utilities, Inc.
c/o Mr. David W. Swor, President
6000 Forest Boulevard
Fort Myers, Florida 33908

Lee County - DW
Forest Utilities WWTP
DEP File No. FLA014478
Caloosahatchee to Lee Coast EMA

Enclosed is a Wastewater Permit (Permit Number FLA014478) to operate the above said wastewater treatment plant with slow-rate public access spray irrigation system (280 acres of golf course), issued pursuant to Section(s) 403.087, Florida Statutes.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57 of the Florida Statutes before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for mediation within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

(a) The name, address, and telephone number of each petitioner; the Department permit identification number and the county in which the subject matter or activity is located;
(b) A statement of how and when each petitioner received notice of the Department action;
(c) A statement of how each petitioner's substantial interests are affected by the Department action;
(d) A statement of the material facts disputed by the petitioner, if any;
(e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
(f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department action; and
(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by rule 28-106.404. The agreement must be received by the clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within fourteen days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under sections 120.569 and 120.57. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

This action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for mediation) is filed in accordance with the above. Upon the timely filing of a petition (or request for mediation) this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard W. Cantrell

Richard W. Cantrell
Director of
District Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on August 18th 2000 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to s. 120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Martha Compiglia (Clerk) 8-18-2000 (Date)

RWC/SK/cap
Enclosures-DEP Form 62-610.300(4)(a)(2)
DEP Form 62-610.300(4)(a)(4)
Copies furnished to:
James P. Elliott, P.E. (w/o enclosures)
Andrew Barienbrock - FDEP
Richard Orth, P.G. – FDEP

Department of Environmental Protection

Jeb Bush
Governor

South District
P.O. Box 2549
Fort Myers, Florida 33902-2549

(941) 332-6975

David B. Struhs
Secretary

STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Forest Utilities, Inc.
c/o Mr. David W. Swor, President
6000 Forest Boulevard
Fort Myers, Florida 33908

PERMIT NUMBER: FLA014478
ISSUANCE DATE: August 17, 2000
EXPIRATION DATE: August 16, 2005
PA FILE NUMBER: FLA014478-002-DW1P

FACILITY:

Forest Utilities WWTP
6341 Deer Run Road, SW
Fort Myers, Florida 33908
Lee County
Latitude: 26° 29' 13" N Longitude: 81° 52' 12" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

To operate an existing 0.500 MGD annual average daily flow (AADF) complete mix activated sludge process domestic wastewater treatment facility consisting of a 375,000 gallon surge tank, four aeration tanks with a total aeration volume of 392,789 gallons, two final settling tanks with a total volume of 77,318 gallons, four digesters with a total volume of 82,657 gallons, two anaerobic sludge digesters with a total volume of 410,596 gallons, a traveling bridge sand filter with a total filter area of 180 square feet, a 13,091 gallon chlorine contact chamber, 3 drying beds with a total area of 3,975 square feet, a 375,000 gallon standard effluent storage tank, and a 950,000 gallon substandard effluent storage tank.

REUSE:
Land Application: An existing 0.500 MGD, AADF, permitted capacity slow-rate public access spray irrigation system (R001) consisting of 280 acres of golf course and a 1.30 MG reclaimed water storage pond. The public access spray irrigation system R001 is located at latitude 26° 29' 13" N and longitude 81° 52' 12" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in this permit.

I. RECLAIMED WATER LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System, WAFR system I.D. No. R001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

			Reclaimed Water Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	MGD	Maximum	0.500	-	-	-	5 Days/Week	Recording flow meters and totalizers	FLW-1	See Cond.I.A.3
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	20.0	30.0	45.0	60.0	Weekly	8-hour flow proportioned composite	EFA-1	
Total Suspended Solids	mg/L	Maximum	-	-	-	5.0	7 Days/Week	Grab	EFB-1	
pH	std. units	Range	-	-	-	6.0 to 8.5	5 Days/Week	Grab	EFA-1	
Fecal Coliform Bacteria	See Permit Condition I.A.4.						7 Days/Week	Grab	EFA-1	
Total Residual Chlorine (For Disinfection)	mg/L	Minimum	-	-	-	1.0	Continuous	On-line monitor & chart recorder	EFA-1	See Cond.I.A.5
Turbidity	NTU	Maximum	See Permit Condition I.A.6.				Continuous	On-line monitor & chart recorder	EFB-1	

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFA-1	After chlorination and before discharge to reclaimed water storage pond
FLW-1	Flow meter with a totalizer and a chart recorder in the chlorine contact chamber
EFB-1	After tertiary filtration and prior to chlorination

3. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6), 5-31-93]*

4. Over a 30 day period, 75 percent of the fecal coliform values (the 75th percentile value) shall be below the detection limits. Any one sample shall not exceed 25 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 5.0 milligrams per liter of total suspended solids (TSS) at a point before application of the disinfectant. Note: To report the 75th percentile value, list the fecal coliform values obtained during that month in ascending order. Report the value of the sample that corresponds to the 75th percentile (multiply the number of samples by 0.75). For example, for 30 samples, report the corresponding fecal coliform value for the 23rd value of ascending order. *[62-600.440(5)(f), 6-8-93]*

5. The minimum total chlorine residual shall be limited as described in the approved operating protocol, dated July 28, 2000, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(5)(b) and (6)(b), 6-8-93]*

6. The maximum turbidity shall be limited to 3.0 NTU as described in the approved operating protocol, dated July 28, 2000, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. *[62-610.463, 1-9-96]*

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

			Influent Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Report	-	-	-	-	Weekly	8-hour flow proportioned composite	INF-1	See Cond.I.C.3
Total Suspended Solids	mg/L	Report	-	-	-	-	Weekly	8-hour flow proportioned composite	INF-1	See Cond.I.C.3

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

Monitoring Location Site Number	Description of Monitoring Location
INF-1	After the influent lift station and before delivery to the surge tank

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. *[62-601.500(4), 5-31-93]*

4. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. *[62-620.610(18), 11-29-94]*

5. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. *[62-601.500(5), 5-31-93]*

6. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department on a monthly basis Discharge Monitoring Report(s) (DMR), Form 62-620.910(10), as attached to this permit. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the South District Office at the address specified in Permit Condition I.B.9. by the twenty-eighth (28th) of the month following the month of operation. *[62-620.610(18), 11-29-94][62-601.300(1), (2), and (3), 5-31-93]*

7. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for turbidity, total coliforms, color, and corrosivity). Twenty-four hour composite samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department's South District Office by January 28th of each year. *[62-601.300(4), 5-31-93][62-601.500(3), 5-31-93]*

8. The permittee shall submit an annual report of reclaimed water utilization using Form 62-610.300(4)(a)2 by January 28th of each year.

9. Sampling for pathogens shall be conducted at one time during each two year period. [62-610.300(4)(a)4, 8-8-99

10. DEP Form 62-610.300(4)(a)4 is to be utilized and submitted to the Department as instructed for pathogen monitoring. Part I of the form provides the instructions required to accomplish sampling and information to be documented for submitting to the Department. A copy of DEP Form 62-610.300(4)(a)4 is attached to this permit. [F.A.C. rule 62-610.463(4)(a) and 62-610.300(4)(a)4, 8-8-99]

11. Unless specified otherwise in this permit, all reports and notifications required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's South District Office at the address specified below:

Florida Department of Environmental Protection
South District Office
P.O. Box 2549
Fort Myers, Florida 33902-2549

Phone Number - (941) 332-6975
FAX Number - (941) 332-6969 All FAX copies shall be followed by original copies.

II. Residuals Management Requirements

Basic Management Requirements

1. The method of residuals use or disposal by this facility is *land application* or disposal in a Class I or II solid waste landfill.

2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5), 3-30-98]*

3. The permittee will not be held responsible for violations resulting from land application of residuals if the permittee can demonstrate that it has delivered residuals that meet the parameter concentrations and appropriate treatment requirements of this rule and the applier (e.g. hauler, contractor, site manager, or site owner) has legally agreed in writing to accept responsibility for proper land application of the residuals. Such an agreement shall state that the applier agrees, upon delivery of residuals that have been treated as required by Chapter 62-640, F.A.C., that he will accept responsibility for proper land application of the residuals as required by Chapter 62-640, F.A.C., and that the applier agrees that he is aware of and will comply with requirements for proper land application as described in the facility's permit. *[62-640.300(5), 3-30-98]*

4. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. *[62-640.300(5), 3-30-98]*

5. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(k)3&4, 3-30-98]*

6. Land application of residuals shall be in accordance with the conditions of this permit, the approved Agricultural Use Plan(s), and the requirements of Chapter 62-640, F.A.C. *[62-640, 3-30-98]*

7. The domestic wastewater residuals for this facility are classified as Class *B*.

8. The permittee shall achieve Class B pathogen reduction by meeting the pathogen reduction requirements in section 503.32(b)(3) *("Alternative 2" - Use of PSRP-Anaerobic Digestion)* of Title 40 CFR Part 503, revised as of October 25, 1995. *[62-640.600(1)(b), 3-30-98]*

9. The permittee shall achieve vector attraction reduction by meeting the vector attraction reduction requirements in section 503.33(b)(1) *("Option 1" - Reduce the mass of volatile solids by a minimum of 38 percent)* of Title 40 CFR Part 503, revised as of October 25, 1995.

10. Treatment of liquid residuals or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of residuals or septage for the purpose of meeting pathogen

reduction or vector attraction reduction requirements shall take place at the permitted facility*[62-640.400(8), 3-30-98]*

11. The permittee shall sample and analyze the Class A or Class B residuals to monitor for pathogen and vector attraction reduction requirements of Rule 62-640.600, F.A.C., and the parameters listed in the table below at least once every *12 months (for facilities generating greater than zero but less than 320 dtpyl.)* The following parameters shall be sampled and analyzed:

Parameter	Ceiling Concentrations (Single Sample)	Cumulative Application Limits
Total Nitrogen	(Report only) % dry weight	Not applicable
Total Phosphorus	(Report only) % dry weight	Not applicable
Total Potassium	(Report only) % dry weight	Not applicable
Arsenic	mg/kg dry weight	pounds/acre
Cadmium	mg/kg dry weight	34.8pounds /acre
Copper	mg/kg dry weight	pounds/acre
Lead	mg/kg dry weight	pounds/acre
Mercury	mg/kg dry weight	pounds/acre
Molybdenum	mg/kg dry weight	Not applicable
Nickel	mg/kg dry weight	pounds/acre
Selenium	mg/kg dry weight	pounds/acre
Zinc	mg/kg dry weight	pounds/acre
pH	(Report only) standard units	Not applicable
Total Solids	(Report only) %	Not applicable

12. Sampling and analysis shall be conducted in accordance with Title 40 CFR Part 503, section 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, 1989. In cases where disagreements exist between Title 40 CFR Part 503, section 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in Title 40 CFR Part 503, section 503.8 will apply. *(62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3), 3-30-98)*

13. Grab samples shall be used for pathogens and determinations of percent volatile solids. Composite samples shall be used for metals. *[62-640.650(1)(e), 3-30-98]*

14. Residuals shall not be land applied if a single sample result for any parameter exceeds the ceiling concentrations given in this permit. Residuals shall not be distributed and marketed if the monthly average of sample results for any parameter exceeds the Class AA parameter concentrations given in this permit. Monthly averages of parameter concentrations shall be determined by taking the *arithmetic mean of all sample results* for the month. *[62-640.650(1)(f), 3-30-98]*

15. The permittee shall submit the results of all residuals monitoring with the permittee's Discharge Monitoring Report under Chapter 62-601, F.A.C. The analytical results from each sampling event shall be submitted with the report for the month in which the sampling event occurs. Copies of all applicable analytical reports shall be submitted with the monitoring results. *[62-640.650(3)(a)&(e), 3-30-98]*

Land Application (Agricultural Sites or Reclamation Sites)

16. Class B residuals shall not be used on unrestricted public access areas. Use of Class B residuals is limited to restricted public access areas such as agricultural sites, forests, and roadway shoulders and medians*[62-640.600(3)(b), 3-30-98]*

17. Plant nursery use of Class B residuals is limited to plants which will not be sold to the public for 12 months after the last application of residuals. *[62-640.600(3)(b)1., 3-30-98]*

18. Use of Class B residuals on roadway shoulders and medians is limited to restricted public access roads. *[62-640.600(3)(b)2., 3-30-98]*

19. Food crops with harvested parts that touch the residuals/soil mixture and are totally above the land surface shall not be harvested for 14 months after the last application of Class B residuals. *[62-640.600(3)(b)3., 3-30-98]*

20. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of Class B residuals when the residuals remain on the land surface for four months or longer before incorporation into the soil. *[62-640.600(3)(b)4., 3-30-98*

21. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of Class B residuals when the residuals remain on the land surface for less than four months before incorporation into the soil. *[62-640.600(3)(b)5., 3-30-98]*

22. Food crops, feed crops, and fiber crops shall not be harvested for 30 days following the last application of Class B residuals. *[62-640.600(3)(b)6.,3-30-98]*

23. Animals shall not be grazed on the land for 30 days after the last application of Class B residuals. *[62-640.600(3)(b)7., 3-30-98]*

24. Sod which will be distributed or sold to the public or used on unrestricted public access areas shall not be harvested for 12 months after the last application of Class B residuals. *[62-640.600(3)(b)8., 3-30-98]*

25. The public shall be restricted from application zones for 12 months after the last application of Class B residuals. *[62-640.600(3)(b), 3-30-98]*

26. Residuals that do not meet the requirements of Chapter 62-640, F.A.C., for Class AA designation shall not be used for the cultivation of tobacco or leafy vegetables. *[62-640.400(7), 3-30-98]*

27. The wastewater treatment facility permittee shall apply for a minor permit revision on DEP Form 62-620.910(9) for new, modified, or expanded residuals land application sites. The facility's permit shall be revised to include the new or revised Agricultural Use Plan(s) prior to application of residuals to the new, modified, or expanded sites, unless all of the following conditions are met:

a) The permittee notifies the Department within 24 hours that the site is being used;

b) The site meets the site use restrictions of Rule 62-640.600(3), F.A.C, and the criteria for land application of residuals in Rule 62-640.700, F.A.C.;

c) The permittee submits a new or revised Agricultural Use Plan for the site with a permit application in accordance with Rule 62-640.300(2), F.A.C., within 30 days of beginning use of the site;

d) The permittee does not have another approved land application site, another approved disposal method (e.g. landfilling or incineration), or approved storage facilities available for use; and,

e) The permittee demonstrates during permit application that application of additional residuals to an existing approved application site would have resulted in violation of Department rules, or was not possible due to circumstances beyond the permittee's control.

28. Current Agricultural Use Plan(s) identify residuals landspreading on the following sites:

Site Name	Residual Hauler Company	Application Area (acres)*	Site Location						
			County	Latitude			Longitude		
				DD	MM	SS	DD	MM	SS
V.C. Hollingsworth	J&J Baker Enterprises	14,696/21,700	Desoto	27	17	32	82	03	22

* Acreage to be applied/Total acreage of site

29. Residuals application rates are limited to agronomic rates based on the site vegetation as identified in the Agricultural Use Plan. *[62-640.750(2), 3-30-98]*

30. Residuals shall be applied with appropriate techniques and equipment to assure uniform application over the application zone. *[62-640.700(2)(c), 3-30-98]*

31. The spraying of liquid domestic wastewater residuals shall be conducted so that the formation of aerosols is minimized. *[62-640.700(2)(d), 3-30-98]*

32. Residuals storage facilities at land application sites shall be subject to applicable setback requirements for residuals application sites. Residuals stored at land application sites shall be stored in a manner that will not cause runoff or seepage from the residuals, objectionable odors, or vector attraction. Storage areas must be fenced or otherwise provided with appropriate features to discourage the entry of animals and unauthorized persons. At the time of application, the stored residuals must meet the parameter concentrations, pathogen and vector attraction reduction requirements, and cumulative application limits of this permit. Residuals storage facilities at land application sites may be used only for temporary storage of stabilized residuals for no more than 30 days during periods of inclement weather or to accommodate agricultural operations, or up to the period (not to exceed two years) specified in the Agricultural Use Plan. *[62-640.700(2)(e), 3-30-98]*

33. Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. *[62-640.700(2)(f), 3-30-98]*

34. The pH of the residuals soil mixture shall be 5.0 or greater at the time residuals are applied. At a minimum, soil pH testing shall be done annually. *[62-640.700(5)(d), 3-30-98]*

35. The permittee shall maintain records of application zones and application rates and shall make these records available for inspection within seven days of request by the Department, or delegated Local Program. The permittee shall maintain record items a. through e. below in perpetuity, and maintain record items f. through k. for five years::

a. Date of application of the residuals;
b. Location of the residuals application site as specified in the Agricultural Use Plan;
c. Identification of each application zone used by the permittee at the application site and the acreage of each zone;
d. Amount of residuals applied or delivered to each application zone. Cumulative loading of each application zone;
e. The names of all other wastewater facilities using each of the application zones identified in item c.;
f. Method of incorporation (if any),;
g. Measured pH of the residuals soil mixture at the time the residuals are applied (tested at least annually);
h. Unsaturated depth of soil above the water table level at the time of application;
I. Concentration of parameters in the residuals as required by this permit, and the date of last analysis; and
j. The results of any soil testing that is done under Rule 62-640.500(4)(a), F.A.C.

36. The permittee shall submit an annual summary of residuals application activity to the District Office on Department Form 62-640.210(2)(b) for all residuals applied during the period of January 1 through December 31. The summary for each year shall be submitted by February 19 of the following year. If more than one facility applies residuals to the same application zones, the summary must include a subtotal of each facility's contribution of residuals to the application zones.

37. If residuals that are subject to the cumulative loading limitations of Rule 62-640.700(3), F.A.C., have been applied to an application zone, and the cumulative loading amount of one or more of the pollutants is not known, no further applications of residuals may be made to that application zone. *[62-640.700(3)(f), 3-30-98]*

38. A minimum unsaturated soil depth of two feet above the water table level is required at the time the residuals are applied to the soil. *[62-640.700(6)(a), 3-30-98]*

39. Residuals shall not be applied during rains that cause runoff from the site or when surface soils are saturated. *[62-640.700(7)(a), 3-30-98]*

40. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d), 3-30-98]*

41. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department if the storage lasts longer than 30 days. *[62-640.300(4), 3-30-98]*

III. GROUNDWATER MONITORING REQUIREMENTS

The ground water monitoring program for this facility is subject to the provisions of Chapters 62-4, 62-520, 62-522, 62-601, 62-160, 62-620, 62-160, and 62-610, Florida Administrative Code (F.A.C.), and the following conditions:

1. During the period of operation authorized by this permit, the permittee shall sample ground water in accordance with this permit and with Rule 62-522.600, F.A.C.

2. The ground water monitoring wells shall be located as depicted on the attached site map.

3. Any new monitor well construction shall employ those methods and details as noted in the Department's "Guidelines for Monitor Well Design and Installation" and shall be constructed and installed such that adequate recharge is obtainable within the aquifer being monitored. Prior to construction of any new ground water monitoring wells, a soil boring shall be made at each new

monitoring well location in order to properly size the well depth and screen interval. Upon completion of construction, a **MONITOR WELL COMPLETION REPORT (DEP Form 62-522.900(3))** shall be completed and submitted to the District Office for each new well.

4. The monitoring wells for the **Forest Utilities WWTP** are hereby designated as follows:

Monitoring Well Name	Monitoring Location Site Number	Aquifer Monitored	Monitoring Well Type	New or Existing
F-1	21302	Surficial	Background	Existing
F-2	2133	" "	Intermediate	Existing
F-3	21304	" "	Compliance	Existing

5. All monitoring wells listed below shall be sampled and analyzed according to the following schedule:

Sampling Period	Monitoring Well	Report Due Date
January-March	F-1, F-2, and F-3	April 28
April-June	F-1, F-2, and F-3	July 28
July-September	F-1, F-2, and F-3	October 28
October-December	F-1, F-2, and F-3	January 28

6. The following parameters shall be analyzed for each of the wells scheduled above in Item III.5.:

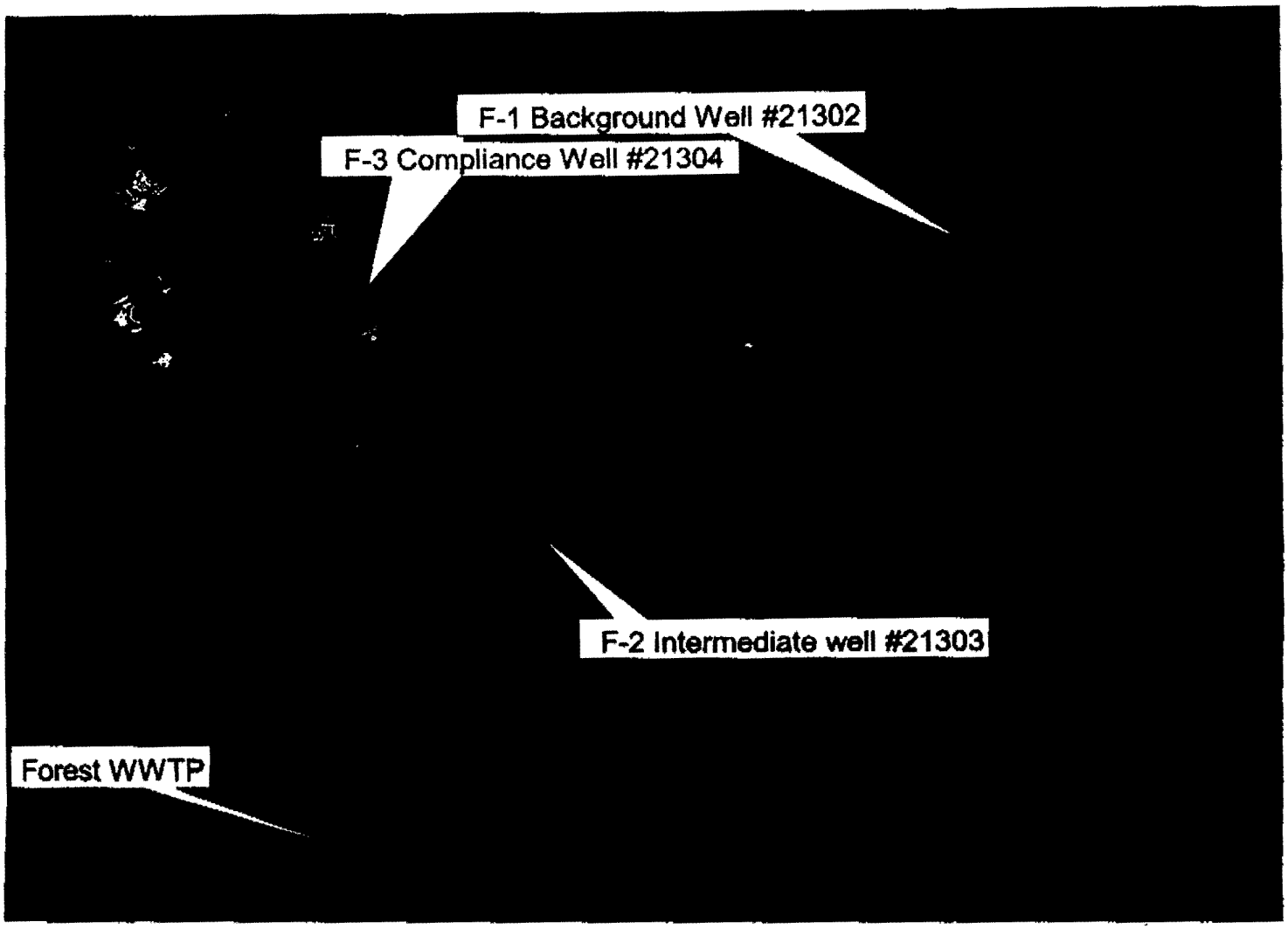
   a. Water level (NGVD)
   b. Nitrate (as N)
   c. Total dissolved solids
   d. Chloride
   e. pH
   f. Sulfate
   g. Sodium
   h. Specific Conductance (field measurement)

7. The sampling and analyses of the monitoring wells and reclaimed water shall be in accordance with Chapter 62-601, 62-160, and 62-610, F.A.C.

8. Ground water sampling results shall be reported on the **Ground Water Monitoring Report - Part D of Form 62-620.910(10)** and submitted with the April, July, October and January DMR.

9. During the January-March sampling period, the reclaimed water shall be sampled and the analyses reported on the **Reclaimed Water or Effluent Analysis Report, Form 62-620.910(15).** During subsequent years when an operation permit is not submitted or renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system may be submitted in lieu of the report.

Forest Utilities Ground Water Monitoring Well Laocation



F-1 Background # 21302
F-2 Intermediate # 21303
F-3 Compliance # 21304

0.3 0 0.3 0.6 Miles

N
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10. A Zone of Discharge is hereby established and shall not extend further than one hundred (100) feet beyond the perimeters of the areas of wetted surface of reclaimed water spray irrigation and the wastewater holding ponds, nor shall it extend beyond the limits of the property boundaries should such distance be less than one hundred (100) feet. The vertical zone of discharge shall not extend below the semi-confining zone at the base of the water table aquifer. All ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge and the minimum criteria for ground water as defined in Chapter 62-520, F.A.C. shall be met within the zone of discharge.

11. All existing monitoring wells, which are not an active part of the monitoring program, are to be maintained for possible future use. Should any of the inactive wells become damaged or inoperable, the well(s) must be plugged and abandoned in accordance with the provisions of Chapter 62-532.500(4), F.A.C., with the details of such plugging submitted to the Department within seven (7) days thereafter.

12. If an active monitoring well becomes damaged or inoperable, the permittee shall notify the Department immediately, and a detailed written report shall be submitted within seven (7) days thereafter. The report shall describe the nature of the problem and the remedial measures that have been taken to prevent a recurrence.

13. All monitoring wells shall be properly maintained, easily accessible, prominently marked, secured and kept free of vegetation at all times.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part III Public Access System(s)

1. All ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. For major users of reclaimed water (i.e., using 0.1 mgd or more), the zone of discharge shall extend horizontally 100 feet from the application site or to the user's property line, whichever is less, and vertically to the base of the surficial aquifer. For other users, the zone of discharge shall extend horizontally to the boundary of the general service area identified in the attached map and vertically to the base of the surficial aquifer. *[62-520.200(23), 4-14-94] [62-522.400 and 62-522.410, 4-14-94]*

2. The treatment facilities shall be operated in accordance with the approved operating protocol. Only reclaimed water that meets the criteria established in the approved operating protocol may be released to system storage or to the reuse system. The operating protocol shall be reviewed and updated periodically (at least once each year) to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's South District Office for review and approval. *[62-610.320(6) and 62-610.463(2), 1-9-96]*

3. Cross-connections to the potable water system are prohibited. *[62-610.469(7), 1-9-96]*

4. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use. *[62-610.469(7), 1-9-96]*

5. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. *[62-610.469(7), 1-9-96]*

6. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. *[62-610.471(3), 1-9-96]*

7. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. *[62-610.471(1), (2), (5), and (7), 1-9-96]*

8. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4), 1-9-96]*

9. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. *[62-610.471(6), 1-9-96]*

10. Distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. *[62-610.471(8), 1-9-96]*

11. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. *[62-610.468(2), 1-9-96]*

12. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.414 and 62-610.464, 1-9-96]*

13. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's South District Office within 24 hours of an occurrence as an abnormal event. The provisions of Rule 62-610.880(9), F.A.C., shall be met. *[62-610.800(9), 1-9-96]*

14. Reclaimed water shall only be released to the system storage or reuse system during periods of operator attendance in compliance with the approved operating protocol.

V. OPERATION AND MAINTENANCE REQUIREMENTS

Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

   A Class C or higher operator 6 hours/day for 7 days/week. The lead operator must be a Class C operator, or higher.

   [62-699, 5-20-94] [62-620.630(3), 11-29-94] [62-699.310, 5-20-92] [62-610.462, 1-9-96]

2. A certified operator shall be on call during periods the plant is unattended. *[62-699.311(1), 5-20-92]*

Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

3. An updated capacity analysis report shall be submitted to the Department with the application for renewal of this permit. The updated capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5), 6-8-93]*

4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1), 6-8-93]*

Recordkeeping Requirements

5. The permittee shall maintain the following records on the site of the permitted facility and make them available for inspection:

   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

   b. Copies of all reports required by the permit for at least three years from the date the report was prepared;

   c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

   d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;

   e. A copy of the current permit;

   f. Copies of the licenses of the current certified operators; and

   g. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The log shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350, 11-29-94][61E12-41.010(1)(e), 11-02-93]

VI. COMPLIANCE SCHEDULES AND SELF-IMPOSED IMPROVEMENT SCHEDULES

This section is not applicable to this facility.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. *[62-625.500, 11-29-94]*

VIII. OTHER SPECIFIC CONDITIONS

1. **The facility shall be operated in accordance with the reuse operating protocol and the residual stabilization protocol submitted to the Department on July 28, 2000.**

2. **Until August, 2001 the stabilized residuals shall be tested monthly for vector attraction reduction requirements** *("Option 1" - Reduce the mass of volatile solids by a minimum of 38 percent)* **and submit the results along with the DMR. If the facility meets the "Option 1" requirements stated above consistently then the facility can apply for a minor revision of this permit to reduce the monthly monitoring requirement.**

3. **All advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber", advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no beber" along with the equivalent standard international symbols. Existing advisory signs and labels, which do not currently meet the se requirements, shall be retrofitted, modified, or replaced in order to comply with these requirements. For existing advisory signs and labels, this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs, this retrofit, modification or replacement shall occur within 730 days after the date of this permit. [Rules 62-610.468, 62-610.469, F.A.C.]**

4. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. *[62-620.410(5), 11-26-94]*

5. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. *[62-610.850(1)(a) and (2)(a), 1-9-96][62-640.700(3)(c), 3-1-91]*

6. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. *[62-600.410(8), 6-8-93]*

7. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited. *[62-604.130(3), 5-31-93]*

8. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550, 5-31-93] [62-620.610(20), 11-29-94]*

9. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):

   a. Which may cause fire or explosion hazards; or

   b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or

c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or

d. Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4), 5-31-93]

10. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.464(4), 1-9-96] [62-610.514(20), 1-9-96] [and 62-600.410, 6-8-93]*

11. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-7.540, 12-10-85]*

12. The permittee shall provide adequate notice to the Department of the following:

a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and

b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2), 11-29-94]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1), 11-29-94]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2), 11-29-94]*

3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3), 11-29-94]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4), 11-29-94]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5), 11-29-94]*

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6), 11-29-94]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7), 11-29-94]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8), 11-29-94]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:

   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;

   b. Have access to and copy any records that shall be kept under the conditions of this permit;

   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and

   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9), 11-29-94]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10), 11-29-94]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. *If the permittee* becomes aware of relevant facts that were not submitted or were incorrect

in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11), 11-29-94]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12), 11-29-94]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13), 11-29-94]*

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14), 11-29-94]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15), 11-29-94]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16), 11-29-94]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:

    a. A description of the anticipated noncompliance;

    b. The period of the anticipated noncompliance, including dates and times; and

    c. Steps being taken to prevent future occurrence of the noncompliance.

    [62-620.610(17), 11-29-94]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.

    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).

    b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.

d. Any laboratory test required by this permit for domestic wastewater facilities shall be performed by a laboratory that has been certified by the Department of Health and Rehabilitative Services (DHRS) under Chapter 10D41, F.A.C., to perform the test. On-site tests for dissolved oxygen, pH, and total chlorine residual shall be performed by a laboratory certified to test for those parameters or under the direction of an operator certified under Chapter 61E12-41, F.A.C.

e. Under Chapter 62-160, F.A.C., sample collection shall be performed by following the protocols outlined in "DER Standard Operating Procedures for Laboratory Operations and Sample Collection Activities" (DER-QA-001/92). Alternatively, sample collection may be performed by an organization who has an approved Comprehensive Quality Assurance Plan (CompQAP) on file with the Department. The CompQAP shall be approved for collection of samples from the required matrices and for the required tests.

[62-620.610(18), 11-29-94]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19), 11-29-94]*

20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

    a. The following shall be included as information which must be reported within 24 hours under this condition:

        1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,

        2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,

        3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and

        4. Any unauthorized discharge to surface or ground waters.

    b. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

    [62-620.610(20), 11-29-94]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21), 11-29-94]*

22. Bypass Provisions.

    a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:

1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and

2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.

b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.

d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22), 11-29-94]

23. Upset Provisions

a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:

1. An upset occurred and that the permittee can identify the cause(s) of the upset;

2. The permitted facility was at the time being properly operated;

3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and

4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.

b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23), 11-29-94]

Executed in Ft. Myers, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Richard W. Cantrell

Richard W. Cantrell
Director of
District Management

RWC/SK/cap

STATEMENT OF BASIS FOR
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DOMESTIC WASTEWATER FACILITY PERMIT

PERMIT NUMBER:	FLA14478
FACILITY NAME:	Forest Utilities WWTP
FACILITY LOCATION:	6341 Deer Run Road, Fort Myers, FL 33908
NAME OF PERMITTEE:	Forest Utilities, Inc.
	c/o Mr. David W. Swor, President
PERMIT WRITER:	Selvi Kongara

REUSE LOCATION(S):

Land Application System:

Existing Land Application System R001
Slow-rate spray irrigation system
Golf course of 280 acres, Located On Site
0.500 AADF Permitted Capacity
1.3 MG reclaimed water storage pond

Latitude: 26° 29' 13" N
Longitude: 81° 52' 12" W

TREATMENT [illegible] S

To operate an existing 0.500 MGD annual average daily flow (AADF) complete mix activated sludge process domestic wastewater treatment facility consisting of a 375,000 gallons surge tank, four aeration tanks with a total aeration volume of 392,789 gallons, two final settling tanks with a total volume of 77,318 gallons, four digesters with a total volume of 82,657 gallons, two anaerobic sludge digesters with a total volume of 410,596 gallons, a traveling bridge sand filter with a total filter area of 175 square feet, a 13,091 gallon chlorine contact chamber, 3 drying beds with a total area of 3,975 square feet, a 375,000 gallon standard effluent storage tank, and a 950,000 gallon substandard effluent storage tank.

BASIS FOR RECLAIMED WATER LIMITS AND MONITORING REQUIREMENTS

The following table provides the basis for Part I. A. provisions.

Land Application System R001
Slow-rate public access spray irrigation system:

Parameter		Basis for Limit/Monitoring Requirement
Flow	Annual ADF	62-600.400(3)(b) FAC
$CBOD_5$[1] (*Secondary*)	Annual Average	62-600.740(1)(b)1.a. FAC
	Monthly Average	62-600.740(1)(b)1.b. FAC
	Weekly Average	62-600.740(1)(b)1.c. FAC
	Single Sample Max.	62-600.740(1)(b)1.d. FAC
TSS[1] (*As part of high level disinfection criteria*)	Single Sample Max.	62-600.440(5)(f)3. FAC
Fecal Coliform[1] (*High level disinfection*)	Monthly Percentile	62-600.440(5)(f)1. FAC
	Single Sample Max.	62-600.440(5)(f)2. FAC
pH	Minimum and Maximum	62-600.445 FAC
TRC (for disinfection)[1] (*High level disinf.*)	Minimum	62-600.440(5)(b) or (c) FAC or in accordance with operating protocol pursuant to 62-610.463(2) FAC
Turbidity	Maximum	In accordance with operating protocol pursuant to 62-610.463(2) FAC
Monitoring Frequency and Sample Type	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Location	All Parameters	62-610.463(1) FAC

The following were used as the basis of the permit limitations/conditions:

A. FAC refers to various portions of the Florida Administrative Code
The effective dates of FAC Rule Chapters cited in the table are as follows:

Chapter	Effective Date
62-600	06-08-93
62-601	05-31-93
62-610	04-02-90
62-699	05-20-92

B. BPJ refers to Best Professional Judgment

Footnotes:
1. Secondary treatment, TSS control and high level disinfection required pursuant to 62-610.460 FAC.

The following table provides the basis for Part I. C. provisions.

Other Limitations and Monitoring Requirements:

Parameter	Basis	Rationale
CBOD5	Monitor & Report	62-601.300(1)FAC
TSS	Monitor & Report	62-601.300(1)FAC

RESIDUALS MANAGEMENT

Class of residuals stabilization to be provided: B (Anaerobic Digestion)
Proposed method of residuals use or disposal: Land Application.

The current Agricultural Use Plan for this facility identifies residuals land application on the H.C. Hollingsworth site.

See the Table below for the Part II.A, residuals limits and monitoring requirements:

Parameter		Basis for Limit/Monitoring Requirement
Total Nitrogen, % dry weight	Report	62-640.650(1)(b) FAC
Total Phosphorus, % dry weight	Report	62-640.650(1)(b) FAC
Total Potassium, % dry weight	Report	62-640.650(1)(b) & 700(1), FAC
Arsenic, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Cadmium, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Copper, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Lead, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Mercury, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Molybdenum, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Nickel, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
selenium, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Zinc, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
pH, std. units	Report	62-640.650(1)(b) FAC
Total Solids, %	Report	62-640.650(1)(b) FAC
Nitrogen, lb/ac/yr	Maximum	62-640.750(2)(b) FAC
Arsenic, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Cadmium, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Copper, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Lead, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Mercury, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Nickel, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Selenium, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Zinc, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Monitoring Frequency	All Parameters	62-640.600 & 650(1)(a) FAC
Pathogen and vector attraction reduction monitoring	All Parameters	62-640.600 & 650(1)(a) FAC
Additional monitoring as determined necessary	All Parameters	62-640.600 & 650(1)(a) FAC

GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements shall be in accordance with Chapter 62-522 F.A.C.

INDUSTRIAL PRETREATMENT REQUIREMENTS

Not applicable to this facility in accordance with Chapter 62-625 F.A.C.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District, P.O. Box 2549, Fort Myers, 33902-2549

PERMITTEE NAME:	Forest Utilities, Inc.	PERMIT NUMBER:	FLA014478		
MAILING ADDRESS:	6000 Forest Blvd	LIMIT:	Final	REPORT:	Monthly
	Fort Myers, FL 33908	CLASS SIZE:	N/A	GROUP:	Domestic
		GMS ID NO.:	____	GMS TEST SITE NO.:	____
FACILITY:	Forest Utilities WWTP	MONITORING GROUP NUMBER:	R-001		
LOCATION:	6341 Deer Run Road, SW	PLANT SIZE/TREATMENT TYPE:	IIC		
	Fort Myers, FL 33908	NO DISCHARGE FROM SITE:			
COUNTY:	Lee				

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
Flow	Sample Measurement										
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
Solids, Total Suspended	Sample Measurement										

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Forest Utilities WWTP PERMIT NUMBER: FLA014478 MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
Coliform, Fecal	Sample Measurement										
Total Residual Chlorine (For Disinfection)	Sample Measurement										
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
Solids, Total Suspended	Sample Measurement										
Turbidity	Sample Measurement										
	Sample Measurement										
	Sample Measurement										
	Sample Measurement										
	Sample Measurement										

DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA014478

Monitoring Period From: _____ To: _____

Three-month Average Daily Flow:
(TMADF/Permitted Capacity)x100:

	Flow (mgd)	CBOD5 (mg/l)	CBOD5 (mg/l)	TSS (mg/l)	TSS (mg/l)	pH (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/l)	Turbidity (ntus)			
Code	50050	80082	80082	00530	00530	00400	74055	50060	00070			
Mon. Site	FLW-1	EFA-1	INF-1	EFB-1	INF-1	EFA-1	EFA-1	EFA-1	EFB-1			
1												
2												
3												
4												
5												
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PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

Type of Effluent Disposal or Reclaimed Water Reuse: _____

Limited Wet Weather Discharge Activated: Yes: No: Not Applicable: If yes, cumulative days of wet weather discharge: _____

*Attach additional sheets if necessary to list all certified operators.

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

The DMR consists of four parts--A, B, C, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part C is only applicable for domestic wastewater facilities with limited wet weather discharges permitted under Chapter 62-610.860, F.A.C. Part D is used for reporting ground water monitoring well data.

Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

In addition to filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period since limit is conditional.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.
TNTC	Too numerous too count (for fecal coliform bacteria only).

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions and code should be used:

CODE	DESCRIPTION/INSTRUCTIONS
<	If the sampled value is less than the method detection limit (MDL), enter a less than sign followed by the laboratory's MDL value, e.g. < 0.001. In cases where a laboratory reports a value which is less than the parameter's practical quantification limit (PQL), but, not less than the MDL, the value should be reported as the laboratory's MDL value. For example, where the MDL = 0.001, the PQL = 0.005 and the laboratory reports <0.005 (the PQL), the value of 0.001 should be reported on the DMR.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.) Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following blanks in the header should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number. If there was no discharge of effluent for a particular outfall, reuse, or land application system and the DMR monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.).
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.
Three-month Average Daily Flow: Calculate and enter the three-month average daily flow to the treatment facility.
(TMADF/Permitted Capacity) x 100: Divide the three-month average daily flow by the permitted capacity of the treatment facility, multiply by 100, and enter this value.
Daily Monitoring Results: Record the results of daily monitoring for the parameters required to be sampled by your permit. Record the data in the units indicated.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.
Type of Effluent Disposal or Reclaimed Water Reuse: Enter the type of effluent disposal or reclaimed water reuse (e.g. surface water discharge, ocean outfall, slow rate land application-public access, slow rate land application-restricted public access, rapid rate land application, absorption field, underground injection).
Limited Wet Weather Discharge Activated: If this plant does not have a limited wet weather discharge permitted under the provision of Rule 62-610.860, F.A.C., check 'Not Applicable.' If the plant activated the wet weather discharge during the reporting month, check 'Yes' and attach PART C - LIMITED WET WEATHER DISCHARGE.

PART C - LIMITED WET WEATHER DISCHARGE

This part is to be completed and submitted each month reclaimed water or effluent is discharged by a limited wet weather discharge permitted under Rule 62-610.860, F.A.C. For months with no discharge, Part C need not be submitted. All information is to be provided for each day on which the limited wet weather discharge was activated.

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.
Rainfall Information: Enter the name and location of the rainfall gauging station, the source of climatological (normal rainfall) data, the cumulative rainfall for the average rainfall year, and the cumulative rainfall to date for this calendar year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which falls during an average rainfall year from January through the month for which this part contains data. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Date: Enter the date on which the discharge occurred.
Duration of Discharge: Enter the number of hours, to the nearest 0.1 of an hour (0.1 hr. = 6 min.) during each day of discharge that reclaimed water was actually discharged to surface waters.
Gallons Discharged: Enter the quantity in millions of gallons of reclaimed water discharged during the period shown in duration of discharge. Show the units as millions of gallons (mg), accurate to the nearest 0.01.
Average Discharge Flow Rate: Divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Average Upstream Flow Rate: Enter the average flow rate in the receiving stream upstream from the point of discharge for the period shown in duration of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Stream Dilution Factor: Enter the actual stream dilution ratio accurate to the nearest 0.1. To calculate the factor, divide the average upstream flow rate by the average discharge flow rate.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Total P: Enter the cumulative number of days since January 1 of the current year during which the limited wet weather discharge was activated divided by the total number of days since January 1 of the current year multiplied by 100%.
Reason for Discharge: Provide a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Sampling Methods: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Preservatives Added: State what preservatives were added to the sample.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Analysis Result/Units: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Enter the units associated with the results of the analysis.
Detection Limits/Units: Record the detection limits of the analytical methods used and the units associated with them.
Comments and Explanations: Use this space to make any comments on or explanations of results which are unexpected. If more space is needed, reference all attachments in this area.

FOREST UTILITIES, INC.

Application for Increase in
Wastewater Service Availability Charges

TARIFF SHEETS

EXHIBIT G

FIRST REVISED SHEET NO. 24.0
Cancels ORIGINAL SHEET NO. 24.0

NAME OF COMPANY FOREST UTILITIES, INC.

SERVICE AVAILABILITY

All requests for Service Availability will be handled in accordance with Chapter 25-30, Florida Administrative Code, the Public Service Commission's Rules for Service Availability. Each prospective customer will be required to pay the following Service Availability charges.

	Per ERC
System Capacity Charge:	$1,998

Calculation of Service Availability Charges

Service Availability Charges are computed on the basis of 250 gallons demand per ERC per day.

All connections, including commercial and multiple dwelling units, will be computed based upon the calculation of use characteristics of the property by the contributor's engineer, as approved by the Utility. The following is a schedule of minimum daily flows which shall be used in calculating Service Availability Charges:

	ERC Equivalents	Minimum Daily Flows
Single Family	1.00	250 GPD
Apartment	.70	250 GPD
Condominium	.79	250 GPD

Any other water usage will be subject to gallonage determination by contributor's engineer using standard engineering practices and approved by Utility.

FIRST REVISED SHEET NO. 27.0
Cancels ORIGINAL SHEET NO. 27.0

NAME OF COMPANY FOREST UTILITIES, INC.

SCHEDULE OF FEES AND CHARGES

SEWER

DESCRIPTION	AMOUNT	SHEET NUMBER
System Capacity Charge		24.0
Residential - per ERC (250 GPD)	$1,998.00	
All others - per gallon	$ 7.99	
Tax Impact of CIAC	Actual Cost	25.0 - 26.0