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MARTIN S. FRIEDMAN, P.A. VALERIE L. LORD BRIAN J. STREET

July 10, 2006

HAND DELIVERY

Ms. Blanca Bayo Commission Clerk and Administrative Services Director Florida a Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399 COMMISSION CLERK

RE:

CA

CR

Docket No. 060262-WS; Labrador Utilities, Inc.'s Application for Rate Increase in

Pasco County, Florida Our File No.: 30057.128

Dear Ms. Bayo:

The following are the Utility's responses to the Commission Staff's June 7, 2006, correspondence identifying deficiencies in the MFRs:

Rule 25-30.110 (2), Florida Administrative Code (F.A.C.), requires that each utility shall furnish the Commission with any information concerning the utility's facilities or operation that the Commission may request and require for determining rates or judging the practices of the utility. All such data, unless otherwise specified, shall be consistent with and reconcilable with the utility's annual report to the Commission. The following schedules are deficient pursuant to this rule:

1. Schedule A-1, Schedule of Water Rate Base.

The Utility Plant in Service Balance Per Books for 2005 does not match balance recorded in the 2005 Annual Report. Pursuant to Rule 25.30-110, F.A.C., please provide the reconciliation of the balances in the 2005 Annual Report and the MFR Schedule A-1.

RESPONSE: Please refer to Exhibit "A" attached hereto.

BOOUMENT NUMBER-DATE

06074 JUL 108

2. Schedule A-5, Schedule of Water Plant in Service by Primary Account.

The 12/31/04 total in this schedule does not match the total recorded in the 2005 Annual Report. Pursuant to Rule 25.30-110, F.A.C., please provide the reconciliation of the balances in the 2005 Annual Report and the MFR Schedule A-5.

RESPONSE: Please refer to Exhibit "A" attached hereto.

3. Schedule A-8, Schedule of Water and Wastewater Accumulated Depreciation.

The utility's 12/31/04 balance does not match the balance for 2004 recorded in the 2005 Annual Report. Pursuant to Rule 25.30-110, F.A.C., please provide the reconciliation of the balances in the 2005 Annual Report and the MFR Schedule A-8.

<u>RESPONSE</u>: Please refer to Exhibit "A" attached hereto, and revised MFR schedule A-8, 15 copies of which are provided herewith.

4. Schedule A-9, Water Accumulated Depreciation by Primary Account.

The Prior Year total does not match the 2005 Annual Report. Pursuant to Rule 25.30-110, F.A.C., please provide the reconciliation of the balances in the 2005 Annual Report and the MFR Schedule A-9.

RESPONSE: Please refer to Exhibit "A" attached hereto.

5. Schedule B-1, Net Operating Statement - Water.

The Amortization Expense does not match the 2005 Annual Report. Pursuant to Rule 25-30.110, F.A.C., please provide the reconciliation of the balances in the 2005 Annual Report and the MFR Schedule B-1.

RESPONSE: Please refer to Exhibit "A" attached hereto.

Rule 25.30-433 (3), F.A.C., requires that used and useful debit deferred taxes shall be offset against used and useful credit deferred taxes, with any resulting net credit deferred

balance included in the capital structure calculation and any resulting net debit balance included as a separate line item in the rate base calculation. The following schedules are deficient pursuant to this rule:

6. Schedule D-1, Requested Cost of Capital.

RESPONSE: Please refer to Exhibit "B" attached hereto.

7. Schedule D-2, Reconciliation of Capital Structure to Requested Rate Base.

RESPONSE: Please refer to Exhibit "B" attached hereto.

Rule 25.30-437, F.A.C., requires that each utility applying for a rate increase shall provide the information required by Commission Form PSC/ECR 19, (11/93), entitled "Class B Water and/or Wastewater Utilities Financial, Rate and Engineering Minimum Filing Requirements." The following schedule is deficient pursuant to this rule:

8. Schedule E-1, Rate Schedule.

The utility is required to provide a schedule of present and proposed rates. The Utility only provided rates for the meter sizes for which they have customers.

RESPONSE: Please refer to revised MFR schedule E-1, provided herewith.

Rule 25-30.440, F.A.C., requires that each utility applying for a rate increase shall provide two copies of the following engineering information to the Commission, with the exception of the map, of which only one copy is required. Numbers 9-13 are deficient pursuant to this rule.

9. Rule 25-30.440 (1), requires the utility to provide a detailed map showing (a) the location and size of the applicant's distribution and collection lines as well as its plant sites and (b) the location and respective classification of the applicant's customers. The map submitted by the utility did not have the size(s) of water and wastewater lines as required by this rule.

RESPONSE: All wastewater mains are 8". All water mains are 6".

10. Rule 25-30.440 (2), F.A.C., requires the utility to provide to the Commission a list of chemicals used for water and wastewater treatment, by type, showing the dollar amount and quantity purchased, the unit prices paid and the dosage rates utilized. The utility failed to provide an estimate of its chemical dosage rates as required by this rule.

RESPONSE: Please refer to Exhibit "C" attached hereto.

11. Rule 25-30.440 (5), F.A.C., requires the utility to submit its most recent sanitary survey for each water plant and inspection report for each wastewater plant. The utility failed to provide a copy of its most recent wastewater inspection report as required by this rule.

RESPONSE: Please refer to Exhibit "D" attached hereto.

12. Rule 25-30.440 (8), F.A.C., requires that each applicant for a rate increase shall provide to the Commission one copy of a list of all field employees, their duties, responsibilities, and certificates held, and an explanation of each employee's salary allocation method to the Utility's capital or expense accounts. The Utility provided a list of employees that does not completely reconcile to the employees reflected in Utilities, Inc.'s cost allocation manuals for June 30, 2005, September 30, 2005, and December 31, 2005. Further, the total salaries from the 2005 Cost Allocation Manuals are greater than the total water and wastewater salaries reflected in the MFR Schedules B-7 and/or B-8. Staff believes the difference between them may be the amount that was capitalized by the Utility. However, the Cost Allocation Manuals and the list provided by the Utility do not reflect which employee's salaries were capitalized. Thus, please provide a list that has an explanation of each employee's salary allocation method to the Utility's capital or expense accounts as required by this Rule.

RESPONSE: Please refer to Exhibit "E" attached hereto.

13. Rule 25-30.440 (9), F.A.C., requires the utility to explain how its vehicles are allocated to the utility. The utility failed to provide the method of allocation to the utility as required by this rule.

RESPONSE: The Utility has one motor vehicle on its books. It is used exclusively

by the Utility's employees. None of the costs associated with this vehicle are allocated to any other utility.

14. Rule 25-30.440 (3), F.A.C., requires the utility to submit its most recent wastewater capacity analysis report. The utility failed to provide this document as required by this rule.

RESPONSE: Please refer to Exhibit "F" attached hereto.

Enclosed for filing also are 15 copies of revised MFR schedules A-1, A-5, A-8, A-9, B-1 and E-1.

Very truly yours

MAŔŤĬŇ S. FRIEDMAN VALERIE L. LORD

For the Firm

VLL/mp Enclosures

cc: Cochrane Keating, Esquire, Office of General Counsel (w/o enclosures)

Mr. Marshall Willis, Division of Economic Regulation (w/enclosures)

Mr. Troy Rendell, Division of Economic Regulation (w/enclosures)

Ms. Tiffany Joyce, Division of Economic Regulation (w/enclosures)

Mr. Gerald Edwards, Division of Economic Regulation (w/enclosures)

Mr. Steven M. Lubertozzi (w/enclosures)

Ms. Holly Roth, Director (w/enclosures)

Mr. John Hoy (w/enclosures)

Mr. Patrick C. Flynn (w/enclosures)

Mr. Frank Seidman (w/enclosures)

Thomas E. Unke, CPA (w/enclosures)

M:\1 ALTAMONTE\UTILITIES INC\LABRADOR UTILITIES\(.128) LABRADOR 2005 RATE CASE\PSC Clerk 02 (deficiency responses).ltr.wpd

EXHIBIT

A

COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT DESCRIPTION	BEG-BALA CUR	RENT	END-BALANCE
3011001 ORGANIZATION 3021002 FRANCHISES 3043021 STRUCT & IMPRV (PUMP PLT)	15287.83	0	15287.83
3021002 FRANCHISES	7933	Ö	7933
3043021 STRUCT & IMPRV (PUMP PLT)	8845.15	Ō	8845.15
3044031 STRUCT & IMPRV (WATER T F	P) 589.5	0	589.5
3072014 WELLS & SPRINGS	52432	0	52432
3044031 STRUCT & IMPRV (WATER T F 3072014 WELLS & SPRINGS 3113025 ELECTRIC PUMP EQUIP 3204032 WATER TREATMENT EQPT 3305042 DIST RESV & STNDPIPES	55149.24	0	55149.24
3204032 WATER TREATMENT EQPT	6609.24	0	6609.24
3305042 DIST RESV & STNDPIPES	35581.04	0	35581.04
3315043 TRANS & DISTR MAINS	250268.8	0	250268.8
3315042 DIST RESV & SINDPIPES 3315043 TRANS & DISTR MAINS 3335045 SERVICE LINES 3345046 METERS 3345047 METER INSTALLATIONS 3355048 HYDRANTS 3406091 OFF FURN & EQPT 3446095 LABORATORY EQPT	14161.38	0	14161.38
3345046 METERS	14606.22	0	14606.22
3345047 METER INSTALLATIONS	5047.8	0	5047.8
3355048 HYDRANTS	3356	0	3356
3406091 OFF FURN & EQPT	976.54	0	976.54
3446095 LABORATORY EQPT	357.65	0	357.65
3466094 TOOLS SHOP & MISC EQPT	33285.99	0	33285.99
3446095 LABORATORY EQPT 3466094 TOOLS SHOP & MISC EQPT 3466097 COMMUNICATION EQPT	1079	0	1079
101.1 WTR UTILITY PLANT IN SERV	ICE 505566.4	0	505566.4
3521020 FRANCHISES 3542011 LIFT STATION 3547003 BLDGS & STRUCTS 3547012 SPRAY IRRIG FACILITIES 3602006 SEWAGE SERVICE LINES 3612008 SEWER MAINS	7933	0	7933
3542011 LIFT STATION	7431.24	0	7431.24
3547003 BLDGS & STRUCTS	168	0	168
3547012 SPRAY IRRIG FACILITIES	2500	0	2500
3602006 SEWAGE SERVICE LINES	4962.81	0	4962.81
3612008 SEWER MAINS	370166.6	0	370166.6
3612010 MANHOLES	1789	0	1789
3804004 SEWER LAGOONS	63563.91	0	63563.91
3804005 SEWAGE TRTMT PLANT	1070277	0	1070277
3824009 OUTFALL LINES	2229.28	0	2229.28
3907091 OFF FURN & EQPT	136.74	0	136.74
3612008 SEWAGE SERVICE LINES 3612008 SEWER MAINS 3612010 MANHOLES 3804004 SEWER LAGOONS 3804005 SEWAGE TRTMT PLANT 3824009 OUTFALL LINES 3907091 OFF FURN & EQPT 3937094 TOOLS SHOP & MISC EQPT	59.95	0	59.95
101.2 SWR UTILITY PLANT IN SERV			1531218
3917000 TRANSPORTATION EQPT	16588.04	0	16588.04
101.3 TRANSPORTATION EQPT	16588.04	0	16588.04

3406050 COMPUTER ALLOCATED	0	3116	3116
101.4 COMPUTERS	0	3116	3116
3486050 WATER PLANT ALLOCATED	0	29289	29289
101.5 OTHER PLANT	0	29289	29289

COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-BALANCE	CURRE	NT END-BALANCE
1052091	SEWER PLANT IN PROCESS WATER PLANT IN PROCESS	1642.5	0	1642.5
105.1	WORK IN PROGRESS	13376.7	0	13376.7
1081050	ACC DEPR-COMPUTER ALLOCA	ATED 0	-2525	-2525
108.1	ACCUM DEPR COMPUTER	0	-2525	-2525
1082000	ACCUM DEPR-TRANSPORTATION	ON -3317	0	-3317
108.2	ACCUM DEPR TRANSPORTATION	ON -3317	0	-3317
1083001	ACCUM DEPR3011001 ACCUM DEPR3021002 ACCUM DEPR3072014	-1510.43	0	-1510.43
1083002	ACCUM DEPR3021002	-1008.05	0	-1008.05
1083014	ACCUM DEPR3072014	-19588.04	0	-19588.04
1083021	ACCUM DEPR3043021	22004.92	U	22004.92
1083025	ACCUM DEPR3113025 ACCUM DEPR3044031	-4358.61	0	-4358.61
1083031	ACCUM DEPR3044031	-26.44	0	-26.44
1083032	ACCUM DEPR3204032	-1070.24	0	-1070.24
1083042	ACCUM DEPR3204032 ACCUM DEPR3305042 ACCUM DEPR3315043	-10843.6	0	-10843.6
1083043	ACCUM DEPR3315043	-82413.71	0	-82413.71
1083045	ACCUM DEPR3335045	474.62	0	474.62
1083046	ACCUM DEPR3345046	-2114.73	0	-2114.73
1083047	ACCUM DEPR3345047	-110.94	0	-110.94
1083048	ACCUM DEPR3355048	-1.2	0	-1.2
1083050	ACC. DEPR-WATER ALLOCATE	0	-6695	-6695
1083091	ACCUM DEPR3335045 ACCUM DEPR3345046 ACCUM DEPR3345047 ACCUM DEPR3355048 ACC. DEPR-WATER ALLOCATEI ACCUM DEPR3406091 ACCUM DEPR3466094 ACCUM DEPR3466097	-281.78	0	-281.78
1083094	ACCUM DEPR3466094	-/310.96	0	-/310.96
1083095	ACCUM DEPR3446095	-43.53	0	-43.53
1083097	ACCUM DEPR3466097	-302.72	0	-302.72

108.3 ACCUM DEPR WATER PLANT	-108505.4	-6695	-115200.4
1084003 ACCUM DEPR3547003	-10.54	0	-10.54
1084004 ACCUM DEPR3804004	-1751.58	0	-1751.58
1084005 ACCUM DEPR3804005	-255008.4	0	-255008.4
1084006 ACCUM DEPR3602006	1857.64	0	1857.64
1084008 ACCUM DEPR3612008	-119598.9	0	-119598.9
1084010 ACCUM DEPR3612010	-34.98	0	-34.98
1084011 ACCUM DEPR3542011	3209.31	0	3209.31
1084012 ACCUM DEPR3547012	-55.56	0	-55.56
1084020 ACCUM DEPR3521020	-1404.65	0	-1404.65
1084091 ACCUM DEPR3907091	-18.24	0	-18.24
1084094 ACCUM DEPR3937094	-7.44	0	-7.44
108.4 ACCUM DEPR SEWER PLANT	-372823.4	0	-372823.4
1085008 ACCUM DEPR3752008	-15	0	-15

PERIOD ENDING: 12/31/04 16:03:58 22 JUN 2006 (NV.1CO.TB2LY) PAGE 3 COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-BALA	ANCE	CURREN	NT END)-BALANCE
108.5 A	ACCUM DEPR REUSE PLANT		-15	0	-15	
1141010 L	JTIL PLT ACQ ADJ-WATER	-3	51387	0	-351387	
114.1 N	NET UTILITY PAA WTR PLANT	-3	51387	0	-351387	
1151020 A	ACCUM PROV UTIL PAA-WATER	161	02.25	0	16102.25	
115.1 A	ACCUM PROV UTIL PAA WTR PL	ANT 161	02.25	0	16102.25	
1311001 C	CASH UNAPPLIED-NSF'S		5.01	0	5.01	
131.1 C	CASH UNAPPLIED		5.01	0	5.01	
1322000 S	SPECIAL DEPOSITS		6895	0	6895	
132.1 \$	SPECIAL DEPOSITS		6895	0	6895	
1411000 A	A/R-CUSTOMER	302	258.28	0	30258.28	
141.1 <i>A</i>	ACCOUNTS RECEIVABLE CUSTO	OMER 302	258.28	0	30258.28	

82429.92	0	82429.92
82429.92	0	82429.92
1546.5 -129	0 0	1546.5 -129
1417.5	0	1417.5
-26485 -456 -6268 -5347	0 0 0	-26485 -456 -6268 -5347
-38556	0	-38556
-4533 -78	0	-4533 -78
-4611	0	-4611
-1000	0	-1000
-1000	0	-1000
-799000	0	-799000
	82429.92 1546.5 -129 1417.5 -26485 -456 -6268 -5347 -38556 -4533 -78 -4611 -1000 -1000	82429.92 0 1546.5 0 -129 0 1417.5 0 -26485 0 -456 0 -6268 0 -5347 0 -38556 0 -4533 0 -78 0 -4611 0 -1000 0 -1000 0

PERIOD ENDING: 12/31/04 16:0

16:03:58 22 JUN 2006 (NV.1CO.TB2LY) PAGE 4

COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-BALANCE	CURREI	NT END	-BALANCE
211.1 PAI I	O IN CAPITAL	-799000	0	-799000	
2112000 MIS	C PAID-IN CAPITAL	-329839.1	0	-329839.1	
211.2 MIS	C PAID IN CAPITAL	-329839.1	0	-329839.1	
2151000 RET	AINED EARN-PRIOR YEARS	230927.8	-7934.48	222993.4	
215.1 RET	AINED EARNINGS PRIOR	230927.8	-7934.48	222993.4	
2311050 A/P	TRADE - ACCRUAL	-823.55	0	-823.55	

231.1 ACCOUNTS PAYABLE TRADE	-823.55	0	-823.55
2334002 A/P WATER SERVICE CORP	-142967.6	-8035	-151002.6
2334003 A/P WATER SERVICE DISB	-407638.1	0	-407638.1
2334050 A/P INTERCOMPANY	0	-23185	-23185
233.4 ACCTS PAYABLE ASSOC COS	-550605.8	-31220	-581825.8
2361101 ACCRUED GROSS RECEIPT TAX	-9000	0	-9000
2361292 ACCRUED ST INCOME TAX	-1918	0	-1918
236.1 ACCRUED TAXES	-10918	0	-10918
2413000 ADVANCES FROM UTILITIES INC	170955.6	-18369.75	152585.9
241.3 ADVANCES FROM UI	170955.6	-18369.75	152585.9
TOTAL BALANCE SHEET	34339.23	-34339.23	0

COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-BALANCE	CURRENT	END-BALANCE
4611020	WATER REVENUE-METERED	-183624.2	0 -18	33624.2
400.1	WATER REVENUE	-183624.2	0 -18	33624.2
5221000	SEWER REVENUE	-261244	0 -	261244
400.2	SEWER REVENUE	-261244	0 -	261244
4741003 4741008	MISC SERVICE REVENUES NEW CUSTOMER CHGE - W & S NSF CHECK CHARGE CUT-OFF CHARGE	-27.34 -2325 -185 -240		-27.34 -2325 -185 -240
400.4	MISC. SERVICE REVENUES	-2777.34	0 -2	2777.34
	ELEC PWR - WATER SYSTEM ELEC PWR - SEWER SYSTEM	8617.2 26902.38	_	8617.2 8902.38
401.1E	ELECTRIC POWER	35519.58	0 35	5519.58
	CHLORINE ODOR CONTROL CHEMICALS	17451.83 404.77	0 17 0	7451.83 404.77

6181090	OTHER CHEMICALS (TREATMENT)	370.8	0	370.8
401.1F	CHEMICALS	18227.4	0	18227.4
6361000	METER READING	6530.35	0	6530.35
401.1G	METER READING	6530.35	0	6530.35
6019040 6019045	SALARIES-CHGD TO PLT-WSC SALARIES-OPERATIONS SALARIES-WTR SERV-COMPUTERS SALARIES-OFFICE	-21600 38562 985.5 11844	0 12854 328.5 3948	1314
401.1H	SALARIES	29791.5	17130.5	46922
	UNCOLLECTIBLE ACCOUNTS AGENCY EXPENSE	704.76 38.25	0 12.75	704.76 51
401.1K	UNCOLLECTIBLE ACCOUNTS	743.01	12.75	755.76
6329002 6329014 6338001 6369003	ENGINEERING FEES AUDIT FEES TAX RETURN REVIEW LEGAL FEES TEMP EMPLOY - CLERICAL PAYROLL SERVICES	0.75 750 179.25 14.25 441.75 165.75	4.75	1 1000 239 19 589 221

PERIOD ENDING: 12/31/04

16:03:58 22 JUN 2006 (NV.1CO.TB2LY) PAGE 6

COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-BALANCE	CURRENT	END-BALANCE
6369006	EMPLOY FINDER FEES	201	67	268
401.1L	OUTSIDE SERVICES-DIRECT	1752.75	584.25	2337
6369007	COMPUTER MAINT	276	92	368
6369009	COMPUTER-AMORT & PROG CO	DST 103.5	34.5	138
6369012	INTERNET SUPPLIER	39	13	52
6759003	COMPUTER SUPPLIES	96	32	128
6759016	MICROFILMING	74.25	24.75	99
401.1LL	IT DEPARTMENT	588.75	196.25	785
6049010	HEALTH INS REIMBURSEMENTS	S 5441.25	1813.75	7255
6049011	EMPLOYEE INS DEDUCTIONS	-157.5	-52.5	-210

604901 604902 604905 604905 604906 604906 604907	2 HEALTH COSTS & OTHER 5 DENTAL INS REIMBURSEMENTS 0 PENSION CONTRIBUTIONS 0 HEALTH INS PREMIUMS 5 DENTAL PREMIUMS 0 TERM LIFE INS 5 TERM LIFE INS - OPT 0 401K/ESOP CONTRIBUTIONS 0 DISABILITY INSURANCE 0 OTHER EMP PENS & BENEFITS	12.75 45 1035.75 111 3 22.5 0.75 1368.75 9	4.25 15 345.25 37 1 7.5 0.25 456.25 3 152	17 60 1381 148 4 30 1 1825 12 608
401.1N	EMPLOYEE PENSION&BENEFITS	8348.25	2782.75	11131
659909	0 OTHER INS	5331	1777	7108
401.10	INSURANCE	5331	1777	7108
641909	0 RENT-OTHERS	42000	0	42000
401.1Q	RENT	42000	0	42000
675900 675900 675900 675900 675900 675900 675900	PUBL SUBSCRIPTIONS & TAPES ANSWERING SERV PRINTING & BLUEPRINTS OFFICE SUPPLY STORES OFFICE SUPPLY STORES CLEANING SUPPLIES MEMBERSHIPS - OFFICE EMPLOYEE OTHER OFFICE EXPENSES	39 244.5 57.75 127.71 95.25 308.25 1679.28 10.5 77.25 159	13 81.5 19.25 38 31.75 102.75 2 3.5 25.75 53	52 326 77 165.71 127 411 1681.28 14 103 212
401.1R	OFFICE SUPPLIES	2798.49	370.5	3168.99
67590	05 POSTAGE & POSTAGE METER-OFFIC	4195	48	4243

COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-B/	ALANCE	CURRENT	END-BALANCE

6759007	PRINTING CUSTOMER SERVICE		516.45	7	523.45
6759011	ENVELOPES		476.25	158.75	635
6759012	BILL STOCK		179.25	59.75	239
6759051	COMPUTER SUPPLIES - BILLING	}	115.5	38.5	154

401.1RR	BILLING & CUSTOMER SERVICE	5482.45	312	5794.45
6759120 6759125 6759130 6759135 6759136	OFFICE TELEPHONE OFFICE ELECTRIC OFFICE WATER OFFICE GAS OPERATIONS TELEPHONES OPERATIONS TELEPHONES-LONG DI ALARM SYS PHONE EXPENSE	759.05 88.5 18.75 27.75 1634 3 1040.04	55.75 29.5 6.25 9.25 0 1	814.8 118 25 37 1634 4 1040.04
401.1S	OFFICE UTILITIES	3571.09	101.75	3672.84
6759220 6759230 6759260	OFFICE CLEANING SERV LNDSCPING MOWING & SNOWPLWN(OFFICE GARBAGE REMOVAL REPAIR OFF MACH & HEATING OTHER OFFICE MAINT	231.75 109.5 6 9 285.75	77.25 36.5 2 3 95.25	309 146 8 12 381
401.1U	OFFICE MAINTENANCE	642	214	856
7048050 7048055 7758370 7758380	MEMBERSHIPS - COMPANY EMPLOYEES ED EXPENSES OFFICE EDUCATION/TRAIN. EXP MEALS & RELATED EXP BANK SERV CHARGES OTHER MISC GENERAL		25.75 286.75	114.81
401.1V	MISCELLANEOUS EXPENSE	1246.71	441	1687.71
6759503 6759506	WATER-OTHER MAINT EXP WATER-MAINT SUPPLIES WATER-MAINT REPAIRS WATER-MAIN BREAKS	12118.44 726.47 1748.84 1220.61	0	12118.44 726.47 1748.84 1220.61
401.1X	MAINTENANCE-WATER PLANT	15814.36	0	15814.36
7754006 7754009 7755070	SEWER-MAINT SUPPLIES SEWER-MAINT REPAIRS SEWER-ELEC EQUIPT REPAIR SEWER PERMITS SEWER-OTHER MAINT EXP	4053.45 19880.14 2884.21 4667.25 4505.2	0 0 0 0	4053.45 19880.14 2884.21 4667.25 4505.2
401.1Y	MAINTENANCE-SEWER PLANT	35990.25	0	35990.25

COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-BALANCE	CURRE	NT END-BALANCE
7754008	SEWER-SLUDGE HAULING	21174.3	0	211743
7754011	SEWER-SEWER RODDING	6664.09	0	6664 NO
770-7011	OLIVER OLIVER RODDING	0004,00	· ·	0004.00
401.1YY	SLUDGE/RODDING	27838.39	0	27838.39
6759080	MAINT-DEFERRED CHARGES	129	0	129
6759081	HURRICANE/STORMS COST	2479.77	0	2479.77
6759412	UNIFORMS MOWING/SNOWPLOWING	389.75	0	389.75
6/59415	MOWING/SNOWPLOWING	389.75 6550 3	0	6550
6/59430	SALES/USE TAX EXPENSE GARBAGE REMOVAL WTR/SWR	3	1	4
6/59490	GARBAGE REMOVAL WIR/SWR	565	O	565
401.1Z	MAINTENANCE-WTR&SWR PLA	NT 10116.52	1	10117.52
6205003	OPERATORS EXPENSES	37.5	12.5	50
6759017	OPERATORS-CI FANING SUPPL	IFS 978.9	12.5 N	978 9
6759018	OPERATORS-CLEANING SUPPL OPERATORS-OTHER OFFICE EX	(PENS 1408 88	17 75	1516.63
6759019	OPERATORS-PUBLICATIONS/SU	ISCRI 5.25	17.75	7
6759410	OPERATORS ED EXPENSES	145	1.70	145
6759413	OPERATORS ED EXPENSES OPERATORS-POSTAGE	16 23	0	16 23
6759414	OPERATORS-OFFICE SUPPLY S	TORF 89.01	0	89.01
6759416	OPERATORS-OFFICE SUPPLY S OPERATORS-MEMBERSHIPS	180.3	16:75	197.05
0,00,,00		,,,,,	10.70	101,00
401.1ZZ	OPERATORS EXPENSES	2951.07	48.75	2999.82
6355010	WATER TESTS	1554	0	1554
6355030	TESTING EQUIP & CHEM	156.82	0	156.82
7352020	WATER TESTS TESTING EQUIP & CHEM SEWER TESTS	3865	0	3865
401.2B	MAINTENANCE-TESTING	5575.82	0	5575.82
6501020	GASOLINE	2205.16	0	2205 16
	AUTO REPAIR & TIRES	2205.16 541.55	0	5/1 55
0301030	AUTO REPAIR & TIRES	341.33	U	341.33
401.2D	TRANSPORTATION EXPENSE	2746.71	0	2746.71
4032001	DEPRECIATION-10101	1314,24	0	1314.24
	DEPRECIATION-10114	1734.12	0	1734.12
	DEPRECIATION-10121	284.34	Ō	284.34
	DEPRECIATION-10125	1290.26	Õ	1290.26
	DEPRECIATION-10131	15.48	0	15.48
4032032	DEPRECIATION-10132	384.36	0	384.36
4032042	DEPRECIATION-10142	929.34	0	929.34
4032043	DEPRECIATION-10143	5680.62	0	5680.62
	DEPRECIATION-10145	288.24	0	288.24
	DEPRECIATION-10146	737.04	0	737.04
-	DEPRECIATION-10147	110.94	0	110.94
4032048	DEPRECIATION-10148	1.2	0	1.2

514.5 171.5 686

PERIOD ENDING: 12/31/04

16:03:58 22 JUN 2006 (NV.1CO.TB2LY) PAGE 9

COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-BALANCE	CURREN	NT END-	BALANCE
4032091	DEPRECIATION-10191 DEPRECIATION-10300 DEPRECIATION-10193 DEPRECIATION-10194 DEPRECIATION-10195	413.25	120.75	534	
4032092	DEPRECIATION-10300	3317	0	3317	
4032093	DEPRECIATION-10193	9.75	3 25	13	
4032094	DEPRECIATION-10194	2334.15	41.75	2375.9	
4032095	DEPRECIATION-10195	26.13	0.75	26.88	
	DEPRECIATION-10197	192.63	28.25	220.88	
4032098	DEPRECIATION-COMPUTER	26.13 192.63 566.25	188.75	755	
403.2	DEPRECIATION EXP-WATER	20143.84	555	20698.84	
4033003	DEPRECIATION-10203	5.28 973.8 27048.2	0	5.28	
	DEPRECIATION-10204	973.8	0	973.8	
	DEPRECIATION-10205	27048.2	0	27048.2	
	DEPRECIATION-10206	84.36 8188.74	0	84.36	
	DEPRECIATION-10208	8188.74	0	8188.74	
		34.98 192.72		34.98	
			0	192.72	
	DEPRECIATION-10212	55.56	0	55.56	
	DEPRECIATION-10220	396.6	0	396.6	
	DEPRECIATION-10291	9.12	0	9.12	
4033094	DEPRECIATION-10294	3.72	0	3.72	
403.3	DEPRECIATION EXP-SEWER	36993.08	0	36993.08	
4037008	DEPRECIATION-3752008	15	0	15	
403.7	DEPRECIATION EXP-REUSE	15	0	15	
4061000	AMORT OF UTIL PAA-WATER	-8877.6	0	-8877.6	
406.1	AMORT OF UTILITY PAA-WTR	-8877.6	0	-8877.6	
	FICA EXPENSE	3943.5	1314.5	5258	
4091050	FED UNEMPLOYMENT TAX	87.75	29.25	117	
4091060	ST UNEMPLOYMENT TAX	123.75	41.25	165	
408.2	PAYROLL TAXES	4155	1385	5540	
4081121	REAL ESTATE TAX	222	74	296	

4081122 PERS PROP & ICT TAX	24473.65	0	24473.65
4081301 GROSS RECEIPTS TAX	26510.35	0	26510.35
4081303 FRANCHISE TAX	150.75	0.25	151
408.3 OTHER TAXES	51356.75	74.25	51431
4091000 INCOME TAXES-FEDERAL	11202	0	11202
409.1 INCOME TAXES-FEDERAL	11202	0	11202

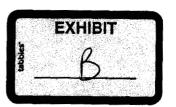
COMPANY: C-106 LABRADOR UTILITIES INC

DETAIL TB BY SUB

UTILITIES, INCORPORATED

ACCOUNT	DESCRIPTION	BEG-BALANCE	CURREN	NT END-BALANCE
4091100	INCOME TAXES-STATE	1918	0	1918
409.2	INCOME TAXES-STATE	1918	0	1918
4101100	DEF INCOME TAXES-STATE	3769	0	3769
410.2	DEFERRED INCOME TAXES-ST	3769	0	3769
4141040	SALE OF EQUIPMENT	-4535.25	0	-4535.25
413.1	RENTAL & OTHER INCOME	-4535.25	0	-4535.25
4101000	DEF INCOME TAX-FEDERAL	-8498	0	-8498
419.1	DEFERRED INCOME TAXES-FEE	-8498	0	-8498
4192000	INTEREST EXPENSE-INTER-CO	44810.5	440.5	45251
419.2	INTEREST EXPENSE-INTERCO	44810.5	440.5	45251
4201000	INTEREST DURING CONSTRUC	ΓΙΟΝ -2685	0	-2685
420.1	INTEREST DURING CONSTRUCT	FION -2685	0	-2685
4261000	MISCELLANEOUS INCOME	-57	-19	-76
426.1	MISCELLANEOUS INCOME	-57	-19	-76
4272090	S/T INT EXP OTHER	-10.5	-3.5	-14

427.2 SHORT TERM INTEREST EXP	, , , ,	-3.5		
TOTAL INCOME STATEMENT		26404.75		
TOTAL BALANCE SHEET	34339.23	-34339.23	0	
TOTAL INCOME STATEMENT	-34339.23	26404.75	-7934.48	
Press RETURN to continue □= □Y□= hPORT 13□=!				
□= LINK3	_	□=3		
□=4 ACTION□=49X - EXIT	U P-PRINT		t> PC) (LIN	JK3.2)□=4(



Labrador

A-18				
	(1)	(2)	(3)	
Line		Test Year	Prior Year	
No.	Assets	12/31/2005	12/31/2004	Average
	25 Accum. Deferred Income Tax	129	-	65
A-19				
	(1)	(2)	(3)	
Line		Test Year	Prior Year	
No.	Equity Capital & Liabilities	12/31/2005	12/31/2004	Average
	28 Accumulated Deferred Income Taxes	42,027	43,167	42,597
	Net Accumulated Def. Income Taxes	41,898	43,167	42,533
D-1				
	(1)	(2)	1	
Line				
No.	Class of Capital	Total Capital		
	8 Accumulated Deferred Income Tax	42,533		
D-2				
	(1)	(2)	(3)	(4)
Line		Prior Year	Test Year	
No.	Class of Capital	12/31/2004	12/31/2005	Average
	8 Accumulated Deferred Income Taxes	43,167	41,898	42,533

Labrador

A-18				
·	(1)	(2)	(3)	
Line		Test Year	Prior Year	
No.	Assets	12/31/2005	12/31/2004	Average
2	5 Accum. Deferred Income Tax	129	65	
A-19		====		
	(1)	(2)	(3)	
Line		Test Year	Prior Year	
No.	Equity Capital & Liabilities	12/31/2005	12/31/2004	Average
2	8 Accumulated Deferred Income Taxes	42,027	43,167	42,597
	Net Accumulated Def. Income Taxes	41,898	43,167	42,533
D-1				
	(1)	(2)		
Line				
No.	Class of Capital	Total Capital		
	8 Accumulated Deferred Income Tax	42,533		
D-2				
	(1)	(2)	(3)	(4)
Line		Prior Year	Test Year	
No.	Class of Capital	12/31/2004	12/31/2005	Average
	8 Accumulated Deferred Income Taxes	43,167	41,898	42,533

LABRADOR UTILITIES, INC. CHEMICAL USE DATA TEST YEAR: 2005

County	System Name	Chemical Used		Wastewater Treatment	Unit Price
PASCO	Labrador	Aquadene*	<1 gpd		\$14.00 / gal
		Histosal		1.0 gpd	\$11.35 / gal
		Sodium			
		hypochlorite	20-25 gpd	8-10 gpd	\$0.55/ gal



Department of Environmental Protection Fixe 18-2.6.93

Southwest District

3804 Coconut Palm Drive

Tampa, Florida 33619

Colleen M. Castille Secretary

leb Bush Governor

September 29, 2005

Mr. Patrick Flynn, Regional Director Utilities, Inc. of Florida 200 Weathersfield Avenue Altamonte Springs, FL 32714

Re:

Compliance Evaluation Inspection

Forest Lake Estates WWTF Facility ID No. FLA012801

Pasco County

Dear Mr. Flynn:

On September 22, 2005, the Florida Department of Environmental Protection (Department) conducted a Compliance Evaluation Inspection at the referenced facility to determine compliance with wastewater requirements and, overall, the facility was Out of Compliance. A copy of the inspection report is enclosed for your records.

You are requested to respond to this letter with the plans you have made to correct any noted deficiencies and to submit any requested information for those items indicated by an asterisk (*). Your response is requested to be in writing and should include a time frame needed to achieve compliance. This response is due to the Department by October 31, 2005. Please direct any questions to the undersigned at (813) 744-6100, extension 411, or e-mail: jerry.nichols @dep.state.fl.us.

Juny Mich &

Jerry E. Nichols

Environmental Specialist II Domestic Wastewater Program

Attachment

cc:

Mr. Joe Cribbs, Operator of Record

INSPECTION FINDINGS

Facility Name: Forest Lake Estates WWTF

Facility ID: FLA012801

Inspection Type: Compliance Evaluation Inspection

Date: 9/22/2005 at 10:42:00 AM

Facility Background:

Address: 41311 Paquette Way, Zephyrhills, FL 33540 - 7579, Pasco County Permit Information: Wastewater Permit issued: 2/24/2005, and expires: 2/23/2010

Treatment Summary: Type III Extended Aeration

Permitted Capacity: 0.216 MGD

1. Permit: In Compliance

1.1 Observation: A copy of the permit was on site and available to plant personnel.

2. Compliance Schedules: Out of Compliance

2.1 Observation: Implementation Step

- 2.1.1 The operating protocol for the spray field was completed in February 2005.
- 2.1.2 Completed the wet weather storage pond piping in May 2005.
- 2.1.3 Completed the fencing installation at the spray field in June 2005.
- 2.1.4 Completed the disconnection of R003 piping in August 2005.
- 2.2 *Observation: The schedules specified in the permit have been completed, except for item number five, the written notification.
- 3. Laboratory: In Compliance
 - 3.1 Observation: The laboratory is certified by the Department of Health.
- 4. Sampling: Out of Compliance
 - 4.1 *Observation: The chain of custody form was not being filled out properly. The "Received on Ice" was not marked on the August 22, 2005 chain of custody form.
- 5. Records and Reports: Out of Compliance
 - 5.1 *Observation: General The on-site records were not well organized.
 - 5.2 *Observation: General There were several transcription errors found in the Discharge Monitoring Reports (DMRs) reviewed from April 2004 through July 2005:
 - 5.2.1 The three-month average daily flows for August and November 2004 and April 2005 appeared to be miscalculated; Part A did not agree with Part B. Please make corrections and submit an original copy of the DMRs to Tallahassee. Be sure to mark the DMRs as "Corrected".
 - 5.2.2 The November 2004 through January 2005 monthly maximum Total Suspended Solids (TSS) were left blank. Please make corrections and submit an original copy of the DMRs to Tallahassee, plainly marking them as "Corrected".
 - 5.2.3 The January 2005 DMR CBOD monthly average appeared to be miscalculated. Please make corrections and submit an original copy of the DMR to Tallahassee, plainly marking them as "Corrected".

Veral

Forest Lake Estates WWTF Compliance Evaluation Inspection - 9/22/2005 Pasco County Page 2 of 2

- 5.2.4 The January, February, March, May and July 2005 DMRs were not received by Tallahassee. Please submit an original copy of the DMRs to Tallahassee.
- 5.2.5 The July 2005 DMR's three-month average daily flow appeared to be miscalculated. Please make corrections and submit an original copy of the DMR to Tallahassee plainly marking them as "Corrected".
- 6. Facility Site Review: Out of Compliance
 - 6.1 Observation: General The facility grounds were clean and well maintained.

*Observation: General - The backflow prevention device should be tested annually by a certified technician. Please submit a copy of the current test results for 2004 to the Department.

- 7. Flow Measurement: Out of Compliance
 - 7.1 *Observation: Documentation of calibration for the flow meter was not available at the time of the inspection.
 - 7.2 *Observation: The primary and secondary flow monitoring devices were not properly calibrated, as evidenced by the staff gauge reading greater than 20 percent different from the recorded head height.
- 8. Operation and Maintenance: Out of Compliance
 - 8.1 *Observation: Headworks Excessive odors were emanating from the headworks at the time of the inspection. Odor was detected above the number one flow equalization basin.
 - 8.2 *Observation: Blowers/Motors The number two, west blower was out of service for repairs.
 - 8.3 Observation: Aeration Basins/Activated Sludge The contents in the aeration chambers appeared to be adequately mixed.
 - 8.4 Observation: Disinfection The chlorine contact chamber was clean, and the effluent leaving the plant was clear.
 - 8.5 Observation: Digesters No problems or deficiencies were observed in the digesters.
 - 8.6 Observation: Clarifiers The number three clarifier was in service. The number one clarifier was out of service for repairs. The number two clarifier was operational but off line due to low flow.
- 9. Effluent Quality: In Compliance
 - 9.1 Observation: The effluent appeared clear with an acceptable total Chlorine residual (TCR) of greater than 2.2 mg/L at 0907 hours.
- 10. Effluent Disposal: In Compliance
 - 10.1 Observation: No problems or deficiencies were observed.
- 11. Residuals/Sludge: In Compliance
 - 11.1 Observation: General No problems or deficiencies were observed.
- 12. Groundwater Quality: In Compliance
 - 12.1 Observation: No problems or deficiencies were observed.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

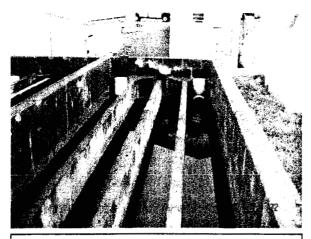
WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION @ = Optional Name and Physical Location of Facility WAFR ID: County Entry Date/Time 9/22/2005 8:20:00 AM Forest Lake Estates WWTF FLA012801 Pasco 41311 Paquette Way Phone @ Exit Date/Time Zephyrhills, FL 33540 - 7579 (407) 869-1919 9/22/2005 10:42:00 AM Name(s) of Field Representatives(s) Title Phone Joe Cribbs Operator of Record Name and Address of Permittee or Designated Representative Phone @ Operator Certification # Patrick Flynn (407) 869-1919 C-0013845 Regional Director 200 Weathersfield Ave Altamonte Springs, FL 32714 - 4027 @ Sample ID#: \mathbf{C} Ε Ι Inspection Type Samples Taken(Y/N): N Samples Split (Y/N): N X Domestic Industrial Were Photos Taken(Y/N): @ Log book Volume : @ Page FACILITY COMPLIANCE AREAS EVALUATED IC = In Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE = Not Evaluated Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a " • " PERMITS/ORDERS SELF MONITORING PROGRAM FACILITY OPERATIONS EFFLUENT/DISPOSAL IC 1. ♦Permit IC 3. Laboratory NC IC 6. ♦ Facility Site Review 9. ♦ Effluent Quality NC NC 2. Compliance Schedules NC IC 4. Sampling 7. Flow Measurement 10. ♦Effluent Disposal 8. ♦ Operation & NC NC 5. ♦ Records & Reports IC 11. Residuals/Sludge Maintenance NE 13. Other: IC 12. Groundwater Facility and/or Order Compliance Status: In-Compliance _ Significant-Out-Of-Compliance X Out-Of-Compliance Recommended Actions: Letter Name(s) and Signature(s) of Inspector(s) District Office/Phone Number Jerry E. Nichols SWD(813)744-6100X411 @ Signature of Reviewer District Office/Phone Number Michele H. Duggan SWD(813)744-6100X335 Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI) Transaction NPDES Number YR/MO/DA Inspector Code Type Type ADDITIONAL NPDES COMMENTS Inspection Type (Field 1) A=PAI, B=CBI, C=CEI, S=CSI, X=XSI, R=RI Inspection Code (Field 2): S=State, J=Joint EPA/State-EPA Lead, T=Joint State/EPA-State Lead, L=Local Program Facility Type (Field 3): 1=Municipal (Publicly Owned), 2=Industrial and Privately Owned Domestic, 3= Agricultural, 4=Federal

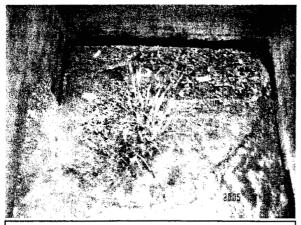
Every other field is self explanatory

Forest Lake Estates MHP WWTF 2006 DMR Review

Mon/Yr	Flow aadf	Flow 3mad	Flow madf	% Cap	CBOD aa	CBOD ma	CBOD Mx	TSS aa	TSS ma	TSS MAX	Nitrate	рН
Limits		0.216	0.216	-	20	30	60	20	30	60	12	Min/Max
4-Apr		0.09	0.069	42	2.6	2	2	3.7	2	2		7.0/7.4
4-May		0.07	0.044	32	2.5	2	2	3.7	2	2		7.0/7.4
4-Jun		0.046	0.026	21	2.3	2	2	3.5	2	2		7.0/7.4
4-Jul		0.042	0.056	19	2.2	2	2	3	2	2		7.0/7.6
4-Aug		0.042	0.055	46	2.2	2	2	2.8	2	2		7.0/7.4
4-Sep		0.076	0.116	35	2.1	2.2	2.4	2.5	3.5	5		7.0/7.5
4-Oct		0.089	0.096	41	2.1	2	2	2.5	2	2		7.0/7.5
4-Nov		0.113	0.126	41	2	2	. 2	2.4	2	Blank		7.2/8.1
4-Dec		0.118	0.132	55	2	2	2	2.1	2	Blank		
5-Jan		0.148	0.185	69	2	2.4	2	2.5	2.4	Blank		
5-Feb		0.173	0.202	80	2	2	2	2.3	2	2		
5-Mar	0.109	0.196	0.2	91	2.1	2	2	2.2	2	2		6.7/7.1
5-Apr	0.113	0.169	0.119	91	2.1	2.6	3.1	2	2	2		6.7/7.4
5-May	0.114	0.126	0.058	58	2.2	3.6	4	2.2	2	2		6.7/7.3
5-Jun	0.121	0.093	0.103	51	2.3	2.2	2.4	2.2	2	2		6.8/7.2
5-Jul	0.123	0.119	0.079	55	2.2	2	2	2.3	2	2		6.6/7.4
Average							,					
_	Fecal aa	Fecal mgm	Fecal max	TRC min	dtd rec'd		1) The 8/04	&4/05 perd	ent capacit	ty appears to	be miscal	culated.
	200	Repr't	800	0.5		,	√2) The Nov	2004 % ca	pacity on F	Part A did not	agree with	h Part B.
4-Apr	1	1	1	5	5/24/2004		3) The 11&	12/04 & 1/0	5 max TS	S were left b	lank.	
4-May	1	1	1	5	6/21/2004		4) 1/05 mor	nthly avg C	BOD shoul	d read 2.0 m	g/L.	
4-Jun	1	1	- 1	3	7/23/2004		5) 1/2/3/05	were not re	eceived by	Tallahassee.		
4-Jul	1	1	1 .	5	8/23/2004		6) 04/05 TS	S AA appe	ears to be n	niscalculated		
4-Aug	1	1	1	3	9/22/2004		7) 05/05&0	7/05 DMRs	was not su	ubmitted to T	allahasse	Э.
4-Sep	1	1	1 -	1.9	10/22/2004	,	8) 07/05 3m	nadf appea	red to be m	niscalculated.	•	
4-Oct	1	1	1	3.9	11/12/2004		•	• •				
4-Nov	1	1	1	2.1	12/29/2004	•	Operator -	Joe Cribbs	- C13845			
4-Dec	1	1	1	3.5	1/26/2005		**					
5-Jan	1	1	1	1.6	2/25/2005	SWD						
5-Feb	U	Ū	U	3	3/23/2005	SWD						
5-Mar	U	U	U	5	4/27/2005	SWD						
5-Apr	U	U	U	4.8	5/31/2005							
5-May	U	U	U	3.8	6/27/2005	SWD						•
5-Jun	U	บ	U	5	7/27/2005							
5-Jul	U	U	U	8.0	8/26/2005	SWD						



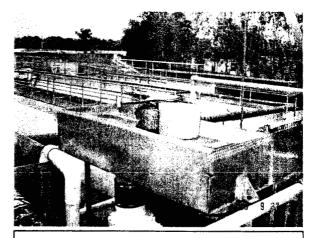
#1 - Chlorine contact chamber.



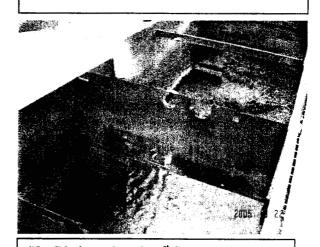
 $#2 - 1^{st}$ flow equalization basin with grease mats.



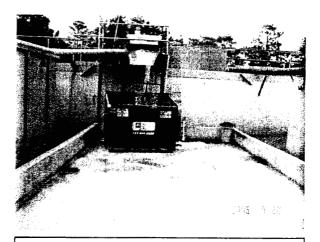
#3 – Aeration tankage with digester to right.



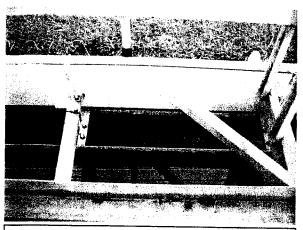
#4 - Splitter box with deodorant block.



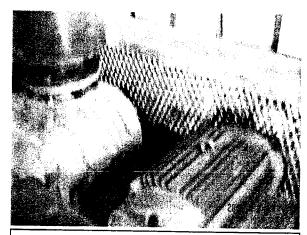
#5 – Discharge into the 1^{st} flow equalization basin.



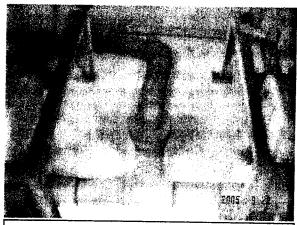
#6 – Dumpster under influent screen.



#7 - Clarifier effluent weir.



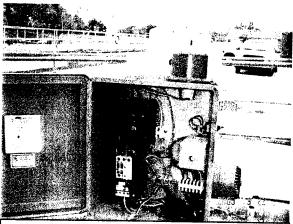
#10 – Number two-west blower out of service for repair.



#8 – East blower manifold needs check valve replaced.



#11 – Wet weather storage pond with piping repaired.



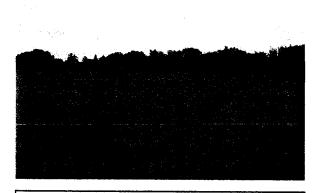
#9 – Sand filter wet well high-level alarm light not functioning.



#12-Sludge drying bed filled and used for parking.



#13 – New gate and fencing between house and spray field.



#14 -Spray field properly maintained.

LABRADOR UTILITIES, INC.

AN AFFILIATE OF UTILITIES, INC. 200 WEATHERSFIELD AVENUE ALTAMONTE SPRINGS, FLORIDA 32714

CORPORATE OFFICES: 2335 Sanders Road Northbrook, Illinois 60062 Telephone: 847-498-6440 Telephone: 407-869-1919 Florida: 800-272-1919 Fax: 407-869-6961 florida@utilitiesinc-usa.com

October 11, 2005

Mr. Jerry Nichols Department of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619

Re:

Compliance Evaluation Inspection Forest Lakes Estates WWTF FLA012801 Pasco County

Dear Mr. Nichols:

I have received your letter concerning the September 22, 2005 compliance evaluation inspection of the Forest Lakes Estates WWTF. This correspondence lists the responses for those items indicated by an asterisk (*). If you have any questions please do not hesitate to contact me at 407-468-3268 or by email at <u>r.retz@utilitiesinc-usa.com</u>.

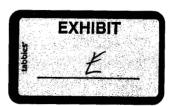
- PERMIT: The written notification for scheduled items to be completed in accordance with the permit renewal was mailed to your office in July 2005.
 Per your request copies were faxed to your office in August and September 2005. I have enclosed a copy for your files.
- 2. SAMPLING: In the future the chain of custody forms will be completed accurately. The operator relinquishing the chain of custody will ensure the form is correct. The Area Manager for the Forest Lakes Estates WWTF operational staff will conduct a training session on the proper methods for the accurate completion of all records and reports.
- 3. RECORDS and REPORTS: The Discharge Monitoring Reports (DMR) from April 2004 to July 2005 has been corrected and original copies have been submitted to the Wastewater Compliance Evaluation Section in Tallahassee. A copy of the cover letter is enclosed for your files.
- 4. Facility Site Review: A copy of the annual certification of the backflow prevention devise performed on 1/21,2004 is enclosed for your files.
- 5. FLOW MEASUREMENT: The 2005 annual calibration of the flow meter has been delayed due to a project to relocate the flow meter to the blending tank, after filtration, prior to disinfection and the chlorine contact chambers. This project will be completed by the end of October 2005. The primary and secondary flow monitoring devices have been adjusted to reflect a uniform distribution of flow.
- 6. OPERATIONS and MAINTENANCE: Solids, scum and debris were removed from the surface of the surge tank and the headwork's area on September 26, 2005. The #2 west blower is being repaired and should be placed back in service by the end of October 2005.

Sincerely

LABRADOR UTILITIES, INC.

Richard W. Retz Assistant Operations Manager

Ec: Michael Dunn, P.E. Regional Manager



Employees Involved in Labrador Utilities, Inc. Operations During Test Year 2005:

Patrick Flynn, Regional Director: Oversees all operations and employees in Florida.

Rick Retz, Regional Manager: Manages operations and employees for all West Coast operations. West Coast operations include all systems located in South Florida and West Florida.

Tony Wierzbicki, Project Manager: Manages capital projects and developer activity within the West Coast and South Florida Operations areas

Michael T. Dunn, Regional Man

John G Holdman, Area Manager

David Ray Rodriguez, Area Manager

Field Employees:

Joseph T. Cribbs, Operator

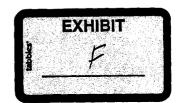
Todd David Hiscock, PT Operator

Facilities:

The minimum staffing requirement at the Labrador wastewater plant is 3 hours per day, 5 days per week and a weekend visit by a minimum Class C wastewater operator. The minimum staffing requirement at the Labrador water plant is 6 visits per week by a minimum Class C water operator.

Duties and Responsibilities:

- a) Responsible for performing treatment plant, collection system and transmission system operation and maintenance. Duties are to be completed in a reasonable and professional manner consistent with standard operating practices in order to comply with state and local regulatory rules and requirements. Must perform duties consistent with the protection of the public health and the environment.
- b) Perform responsible, efficient, and effective on-site management and supervision of all system functions.
- c) Submit complete, accurate and timely periodic plant operating reports.
- d) Report to the Permittee and the Department of Environmental Protection any serious plant or system breakdown or condition causing or likely to cause serious, inefficient or unsafe treatment or discharge of wastewater in a manner not authorized by the current permit.
- e) Submit accurate reports relative to treatment plant, collection system, and transmission system operation, including sampling and laboratory analysis.
- f) Maintain an operation and maintenance log for the plant, current to the last operation and maintenance task performed.
- g) Perform required preventative maintenance in conformance with equipment manufacturer recommendations. Repair or replace plant equipment and collection system components as needed to keep the facilities operating as permitted.
- h) Perform various service order functions including but not limited to the following: customer complaints; reading and checking meters; cross-connection inspections; installing or repairing the collection and disposal systems.
- i) Maintain the visual aesthetics of the facilities in compliance with company standards, including grounds maintenance, fence repairs, site security, lighting fixtures, and general building upkeep.



UPDATED CAPACITY ANALYSIS REPORT

FOR

Forest Lakes Estates

Wastewater Treatment Plant

Pasco County, Florida

Facility ID: FLA012801 Permit No.: FLA012801 Expires: 12/5/2004

Prepared For:

Utilities, Inc. of Florida 200 Weathersfield Ave Altamonte Springs, Florida, 32714

May 28, 2004

Prepared By:

McDonald Group International, Inc.

9030 S. Brittany Path
Inverness, Florida 34452 C.A.-7580



CAPACITY ANALYSIS

REPORT

FOR

Forest Lakes Estates

Wastewater Treatment Plant

Pasco County, Florida

The information contained in this report was prepared in accordance with sound engineering principals, and the recommendations contained within have been discussed with the permittee

Date:
 George J. McDonald, P.E.,
FL PROFESSIONAL ENGINEER NO. 44740
McDonald Group International, Inc. CA-0007580
9030 S. Brittany Path, Inverness, Florida 34452
(352)-637-1652

ully aware and intend to comply with the recommendations and schedules included in this report

Marke 2 copies Date:

Patrick Flynn
Utilities, Inc. of Florida
200 Weathersfield Ave
Altamonte Springs, Florida,32714
407-869-1919

CAPACITY ANALYSIS REPORT FOR Forest Lakes Estates WASTEWATER TREATMENT PLANT

Table of Contents

1.0.	General		4
	1.1	Authorization and Purpose	4
	1.2_	Related Reports and Documents	4
	1.3	General Service Area Description	4
	1.4	Facility Information	4
	1.5	Scope of Report	5
	1.6	<u>Information Sources</u>	5
2.0	Existin	g Conditions and Permitted Capacities	12
	<u>2.1</u>	Influent Strength	
	2.2	<u>Updated Flow Information</u>	13
	2.2.1	Flow Calibration	
	2.2.2	Plant Flow Characteristics	13
	2.2.3	Peak Hour Flows	
	2.3	Effluent Quality	
	<u>2.4</u>	Design and Current Loadings	
	2.5	Effluent Disposal / Reuse	
	<u>2.6</u>	Waste Sludge Disposal or Reuse System	
	2.6.1	General Information About Rule 62-640, EPA Rule 503	
	<u>2.6.2</u>	Disposal and Reuse of Waste Sludge From Forest Lakes Estates WWTh	
3.0		Conditions - Wastewater Flow Projection	
	3.1	<u>Unit Waste Generation Rates</u>	
	3.2	<u>Future Possible Average Flow</u>	
	3.3	Growth Rate	
4.0	Summa	ry and Recommendations	26

CAPACITY ANALYSIS REPORT

1.0. General

Florida Department of Environmental Protection (FDEP) Rule 62-600.405(4) F.A.C. requires that a capacity analysis report be submitted to the Department with a permit application to renew a Wastewater facility permit.

This capacity analysis is submitted to the FDEP by McDonald Group International, George J. McDonald, P.E., consultant engineer for Utilities, Inc. of Florida, the owner and operator of the Forest Lakes Estates Wastewater Treatment Plant located in Pasco County, Florida in order to comply with Rule 62-600.405, F.A.C. The last capacity analysis report is believed to have been performed during the last permit renewal.

The facility is located at 6249 Forest Lake Drive, Zephyr Hills, Florida. A location map and USGS quad map are provided in Figures 1.1 and 1.2, respectively.

1.1 Authorization and Purpose

Utilities, Inc. of Florida has retained George J. McDonald, P.E. to study their plant's historical flows, service area characteristics, and issues which effect changes in future capacity requrements of their wastewater treatment plant in order to provide a capacity analysis report (CAR) in support of the wastewater plant permit application.

1.2 Related Reports and Documents

Accompanying this report is an Operations and Maintenance Performance Report, as well as FDEP Forms 1 and 2A for a domestic wastewater treatment plant. Additional information is contained in the accompanying reports and documents.

1.3 General Service Area Description

The treatment facility serves Forest Lakes Estates. This area consists of approximately 900 mobile home units at present.

1.4 Facility Information

This Wastewater Treatment Plant is presently permitted for the flow capacity and discharge limitation standards in the following table:

Forest Lakes Estates Wastewater Treatment Plant Effluent Limitation Standards

- 1. Maximum flow capacity 0.216 MGD (WWTF and Sprayfield 0.016 MGD (subsurface system)
- 2. BOD and TSS maximum concentrations -

20 mg/L annual average

30 mg/L monthly average

45 mg/L weekly average

60 mg/L any one sample

- 3. pH range 6.00 to 8.50
- 4. Fecal Coliform -

200 #/100 annual average

800 #/100 maximum allowable

- 5. Minimum Cl₂ conc. 0.5 mg/L
- 6. Nitrate 12 mg/L max (applies to subsurface system and wetweather ponds only)

The Forest Lakes Estates Wastewater Treatment Plant has been active since 1982. It is an activated sludge waste treatment facility operating in the extended aeration mode. The treatment process comprises the following: flow equalization, aeration, final settling, sludge digestion, disinfection, and filtration. A process plan is included as figure 1.3

Modifications

The facility has not been reported to have been modified in the last 5 years.

Notices of violation

According to the Owner and the operator, no recent notices of violation have been recieved or consent orders have been entered into.

1.5 Scope of Report

Although containing many elements of a regular capacity analysis report, the depth and scope of this report is meant to equal or exceed the requirements for an "abbreviated" capacity analysis report.

1.6 <u>Information Sources</u>

This report is prepared based on information supplied by the permittee, information that may be found in FDEP public databases, the current permit, and information supplied by the operator. The report relies on the accuracy of this information for all analysis and opinions.

Figure 1.1 Street Location Map

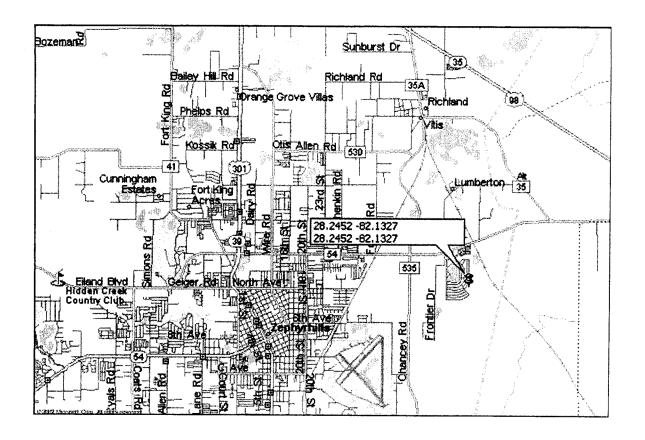


Figure 1.2 USGS Map



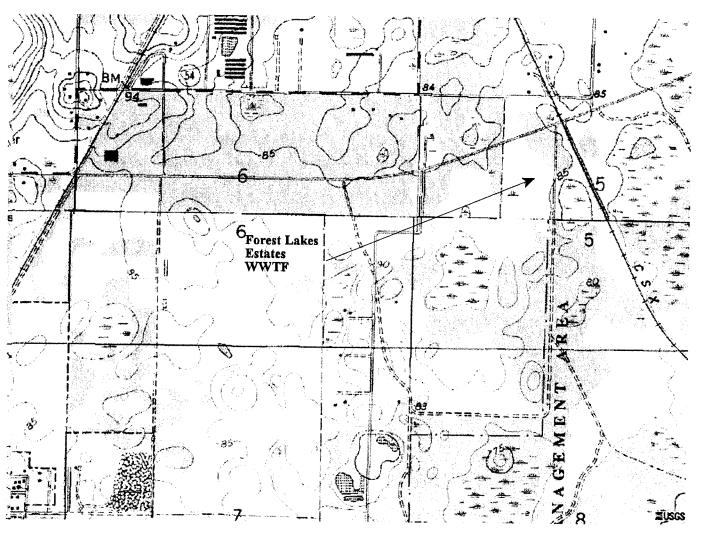


Figure 1.3 Process Plan

Figure 1.4 Site Plan

Figure 1.5 Treatment Plant Aerial View



Figure 1.6 Aerial View, Treatment Plant, Spraysield and Service Area



2.0 Existing Conditions and Permitted Capacities

The Forest Lakes Estates Wastewater Treatment Plant has been active since 9/82. It is an activated sludge waste treatment facility operating in the extended aeration mode. The current operating permit, FLA012801 is due to expire 12/5/2004.

The Wastewater Treatment Plant is presently permitted to discharge effluent meeting the Secondary Treatment Technology Based Effluent Standards listed in the table in section 1.4.

2.1 Influent Strength

The major parameters used to evaluate influent strength are influent BOD, TSS, TKN. Of these only BOD and TSS are often required to be tested by permit.

Based on available test data, the influent strength is estimated to be as follows:

Table 2.1 Influent Strength

<u>Parameter</u>	<u>Characterization</u>
CBOD,	120 mg/L
TSS	185 mg/L

This is considered to be a normal wastewater, relatively low in strength.

2.2 Updated Flow Information

In this section, data and analysis is presented regarded current plant flows

2.2.1 Flow Calibration

Flows to this wastewater plant are determined by an effuent flow meter, which is located after the final settling tankage and prior to the dose tank to the plant filters.

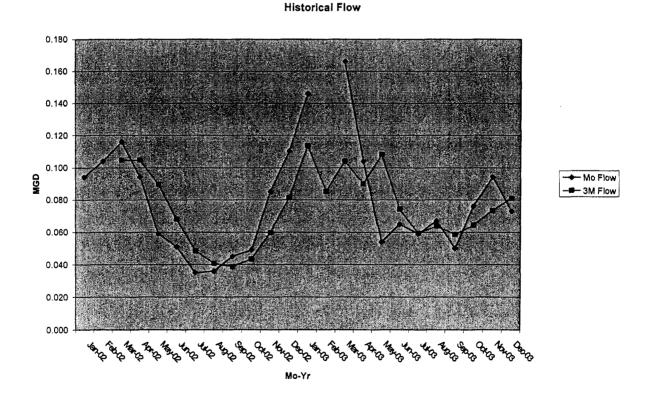
A new flow meter was installed 3/25/2004

2.2.2 Plant Flow Characteristics

Data from Discharge Monitoring Reports (DMRs) were studied to determine the present plant flow characteristics. Table 2.2 summarizes the data taken from the DMRs for the period reviewed.

Figure 2.2 graphically illustrates the month average and rolling three month average flow for the period reviewed:

Figure 2.2 Flow Chart



13

Table 2.2 Flow and Performance History

		FLOW			CBOD5			TSS		pŀ	1		Fecal C	oliform		TRC	CBOD	TSS
1 1	Mo Avg	M3MADF	Peak	An Avg	Mo Avg	Max	An Avg	Mo Avg	Max	Min	Max	An Avg	МоСвоМвял	90%	Max	Min	Inf	Inf
Month/Yr	mgd	mgd	mgd	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	S.U.	S.U	#/100ml	#/100ml	#/100ml	#/100ml	mg/L	mg/L	mg/L
LIMIT	Report		4.32	20.0	30.0	60.0	20.0	30.0	60.0	6.0	8.5	200	200	400	800	0.5	Report	Report
Jan-02	0.094		0.141	4.5	2.0	2.0	4.9	1.2	1.2	7.3	8.3	1.0	1.0	1.0	1.0	5.0	410	315
Feb-02	0.104	- 1	0.180	3.0	2.0	2.0	1.8		1.4	7.0	7.6	1.0	1.0	1.0	1.0	5.0	127	60
Mar-02	0.116	0.105	0.145	2.6	3.6	5.1	1.7	2.3	3.4	6.8	7.4		1.0	1.0	1.0	5.0	146	363
Apr-02	0.094	0.105	0.158	2.4	2.0	2.0	1.0	1.0	1.0	7.0	7.8				1.0	5.0	63	66
May-02	0.059	0.090	0.080	2.5	2.8	3.5	1.1	2.1	2.6	7.1	7.5		1.0	1.0	1.0	2.1	120	200
Jun-02	0.051	0.068	0.080	2.5	2.0	2.0	1.2	1.0	1.0	7.2	7.8			1.0	1.0	5.0	93	195
Jul-02	0.035	0.048	0.061	2.5	2.1	2.2	1.2	1.0	1.0	7.0	7.7	1.0		1.0	1.0	5.0		145
Aug-02	0.036	0.041	0.050	2.4	2.0	2.0	1.2	1.0	1.0	7.1	7.4		1.0	1.0	1.0	5.0		81
Sep-02	0.045	0.039	0.079	2.2	2.0	2.0	1.2	1.0	1.0	7.1	7.4			1.0	1.0	2.8	53	145
Oct-02	0.049	0.043	0.073	2.2	2.0	2.0	1.2	1.1	1.2	7.0	7.4		1.0	1.0	1.0	2.5	53	180
Nov-02	0.085	0.060	0.123	2.2	2.0	2.0	1.2	1.0	1.0	7.0	7.4			1.0	1.0	5.0		180
Dec-02	0.110	0.081	0.147	2.2	2.0	2.0	1.3		1.8	7.1	7.4		1.0	1.0	1.0	3.0		108
Jan-03	0.146	0.114	0.218	2.2	2.1	2.2	1.5	.3.3	4.4	7	7.3	1	1	1	1	5	98	165
Feb-03		0.085	0.18	3.1	12.5	42	2.7	16.6	32	6.8	7.4	1	1	1	1	5	150	260
Mar-03	0.166	0.104	0.291		ŀ	- 1]		Į.						
Apr-03	0.104	0.090	0.205	1	ì	ì		1		i i		İ					1	
May-03	0.054	0.108	0.1	3.2	3.2	4.4	3.6	2.7	3.4	6.8	7.5	1	1	1	1	5	225	315
Jun-03	0.065	0.074	0.1	3.4	4.1	6.2	4	4.4	6.8	6.7	7.3	1	1	1	1	5	180	375
Jul-03	0.059	0.059	0.138	2.7	3.2	4.3	4.7	7.3	12	6.6	7.2	1	1.	1	1	4	92	165
Aug-03	0.067	0.064	0.097	3.5	2	2	4.9	4.3	6.6	6.7	7.2		1	1	1	5	117	69
Sep-03	0.05	0.059	0.09	3.5	2.7	3.4	5.4	7	12	6.8	7.2	1	1	1	1	2	105	124
Oct-03	0.076	0.064								ľ								
Nov-03	0.094	0.073	0.13		- 1	- 1		Ī		1		Ì	· '					
Dec-03	0.073	0.081	0.094		}							ŀ						
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2.2.3 Peak Hour Flows

Peak hour flows were determined by consideration of the availability of a surge tank and the probable attenuation.

Based on this, the peak hour factor is estimated to be 3.5 times the average daily flow and attenuated to under 1.5 times the average daily flow.

2.3 Effluent Quality

The treated wastewater leaving the plant must meet specific limitations established by the FDEP in the current permit. Table 2.3 shows the current plant performance for the period studied versus the permitted requirements for effluent quality.

Table 2.3
Forest Lakes Estates
Wastewater Treatment Plant
Effluent Quality Analysis

Criteria	Plant Performance	Permitted Limit
Annual ADF	0.087 MGD	0.216MGD
Highest 3 months rolling ADF	0.114 MGD	
Maximum monthly flow	0.166 MGD	
Average Annual BOD conc.	4.5 mg/L	20 mg/L
Maximum monthly BOD conc.	42 mg/L	30 mg/L
Average annual TSS conc.	5.4 mg/L	20 mg/L
Maximum monthly TSS conc.	32mg/L	30 mg/L
pH range	6.6-8.3	6.00-8.50
Minimum Cl ₂ residual conc.	2 mg/L	0.5 mg/L
Nitrate, maximum	n/a	12 mg/L (not to sprayfield)
Coliforms, Maximum	1	800#/100 ml

2.4 Design and Current Loadings

The Forest Lakes Estates Wastewater Treatment Plant is an activated sludge wastewater treatment plant operating in the mode.

Figure 1.3 at the beginning of this report provides a graphical illustration of the unit process flow scheme.

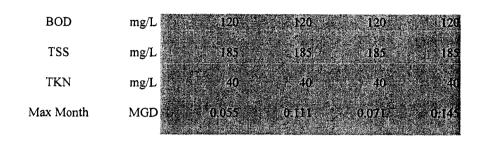
Table 2.4 lists each unit process along with the associated loading rate with pertinent dimensional or volumetric data. (Volumetric, areas and dimensional data is estimated from information in the previous permit, and owner's drawings).

Process design data is also incorporated into table 2.4.

Table 2.4 - Process Data

Current Flow	Current Flow	Design Flow	Design Flow
Train 1	Train 2	Train 1	Train 2

Influent Characteristics:



Effluent Targets

Disinfection	mg/L	basic	basic
Nitrate	mg/L	<12	<12
TSS	mg/L	<10	<10
BOD	mg/L	<20	<20

Surge Tank

Volume of Tank	Gal	103350	103350
Vs/Q		0.62	0.48
Inflow Peak Factor			
Design - OutFlow Peak		1.5° 1.5° 1.5° 1.5° 1.5° 1.5° 1.5° 1.5°	1.5
Theoretical Minimum Vs C	Gal	22614	29426
(total flow, both trains))		

Process Design:

Process Mode	Ext Aer	Ext Aer	Ext Aer	Ext Aer
Temp	, 20	20	20	20
MLSS mg/L	3477	1180	3383	3479
SRT days	50	18	35	50
Yeild Coefficient	0.59	0.73	0.63	0.59
anoxic	0	0	0	0

		Current Flow Cu Train 1	rrent Flow De Train 2	esign Flow De Train I	sign Flow Train 2
	aeration	0.0551	0.146	0.0551	0.146
	Total Volume MGAL	0.0551	0.146	0.0551	0.146
	V/Q, hrs.	24.2	31.4	18.6	24.1
	BOD Loading, #/1000 cf	7.4	5.7	9.7	7.4
	Solids, Oxic, Lbs	1598	1432	1555	4222
	Solids, Anoxic, Lbs	0	0	0	0
	MLSS Recirculation, %			0.5	Ç
	RAS Recycle, %	## 0 1 (#100 kg	14,100	1007	100
	RAS mg/L	6953	2360	6766	6958
	WAS, lb/day	32	79.57	44	84.45
	WAS, gpd	551	4043	788	1455
	Tank Configuration	Scries.	series	series	series
Aeration System:					
(total flow, both trains)	Process O2, lb/day		617		833
	Diffuser Efficiency, %		- 6		6
	Air Rqd., SCFM		414		559
	lb O2/#BOD		5.5		5.7
	Air supply, CF/# BOD		5358		5555
	Type Aeration		Diffused		Diffused
	Number of Eductors		3		3
	Return Rate/Eductor, GPM		38.4		50.0
	Air Eductors		85.0		93.5
	Skimmer Air		28.3		31.2

		Current Flow Train 1	Current Flow Train 2	Design Flow Train I	Design Flow Train 2
	Air Rqd. Process:		414		559
	Air Rqd.Digester		152		152
	Volume Surge	-	103350		103350
	Air Rqd.Surge	8	415		415
	Total Air Rqd.:		1094		1250
	HP Required		43.7		50.0
	HP Provided:	97 MONTH (1975)	(4) 20 Hp		(4) 20 Hp
Final Settling:		8			
	No. of Clarifiers	1	2	1	2
	Surface Area, EA., sf	234	306	234	306
	Est Side Depth	unk	unk	unk	unk
	Total Depth to Hopper Bottom	12	12	12	12
	Volume	19000	24900	19000	24900
	V/Q, hrs.	8.3	10.7	6.4	8.3
	Design Peak Factor	1.5	15	1.5 1.5	1.5
	Hydraulic Overflow: Avg., gpd/sf	234	182	234	182
	Peak, gpd/sf	351	273	351	273
	Solids Loading Rate: Avg., lb/d-sf	14	4	17	14
	Peak, lb/d-sf	17	4	21	17
Disinfection: (total flow, both trains)	Method			Hypo- chlorination	Hypo- chlorination
	Flow, MGD		0.166		0.216
	No. of CCCs		2		2
	Volume EA, gallons		3077	79.5	3077

		Current Flow Current Flow Train 1 Train 2	Design Flow Design Flow Train 1 Train 2
	Total CCC volume est	6154	6154
	Cl2 Residual, mg/L	0.5	0.5
	Cl2 Dose, mg/L	8	12 3 12 5 5 12 12 8
	Consumption, lb/day	11.08	14.41
	If Hypochlorination System In Use Est. Sodium Hypochlorite streng	gth, %	
	Dose required, mg/L	541, 70 £34 ************************************	8
	Available Chlorine, lb/gal	1.25	1.25
	dose, #/gal	6.68E-05	6.68E-05
	Avg dose, #/day	11.08	14.42
	Avg dose, gal/day	8.9	11.5
	Peak Hour Capacity, gal/day	13	17
	CCC Retention Time @ ADF, minutes	53	41
	@ PHF, minutes	36	27
	Residual * Detention	18	14
	Disinfection Level	Basic	Basic
Filtration (total flow, both trains)	Flow, MGD	0.166	0.216
	# of Filters	1	1
	Area Each	144	144
	Avg Peak Loading Rate, gpm/sf	1.20	1.56
	Peak Loading, gpm/sf	1.80	2.34
Aerobic Sludge Digestion		4504	2042
(total flow, both trains)	WAS Flow, gpd	4594	2243
	Total Solids,#/day	112	129

	Current Flow Current Flow Train 1 Train 2	Design Flow Design Flow Train 1 Train 2
WAS, mg/L	2911	6890
% Volatile	75	75
WASv, mg/L	2183	5168
Total VSS,#/d	84	97
VSS, #/Digester cf/day	0.02	0.02
Thick Solids,%	1	
Digester Vol, gal	37800	# 4/37800
Initial Est.SRT, days		A 2. 2. 20
Temp, Degrees C	- 20	17.5 (19.54 to 19.54
VSS Destroyed, %	29.99	28.07
Avg. Solids, mg/L	7000	7000
Supernatant Solids,mg/L	300	300
WAS Fraction Not Destroyed	0.78	0.79
WAS Fraction in Digester	0.23	0.54
Supernatant, gpd	3557	1023
TSS in Digester, #	2207	2207
Total SS Removed, #/d	95	104
Supernatant TSS,#/d	8.9	2.6
Sludge Discharge,#/d	86	102
Sludge Rem/year, DTR	15.8	18.6
Sludge Discharge,gpd	1037	1220
Digester SRT, days	23.1	21.2
Sludge Stabiliz. Class	<b< td=""><td><b< td=""></b<></td></b<>	<b< td=""></b<>
Digester HRT, days	8.2	16.9
O2 Rqd, VSS, #/d	50	54
Air, SCFM	42	45

Current Flow Current Flow Design Flow Design Flow Train 1 Train 2 Train 1 Train 2

	Diffuser Effic.,% Air Rqd. Mixing, SCFM	152	152
	Design SCFM	152	152
Land Application System	m		
(total flow, both trains)		R002	R002
	Flow	0.166	0.216
	Land Application Area, sf	17.5	1511532
	Land Application Area, ac	34.70	34.70
	Type System	and the second sprayfields.	sprayfield
	# SubCells	and a state of the contract of	60
	Load Rate, gpd/sf	0.11	0.14
	Load Rate, in/wk	1.23	1.60
	System	R003	R003
	Flow	0.016	0.016
	Land Application Area, sf	_{1.} 1 − 2 87120 -	87120
	Land Application Area, ac	2.00	2.00
	Type System	subsurface	subsurface
	Load Rate, gpd/sf	0.18	0.18
	Load Rate, in/wk	2.06	2.06
	System	R001	R003
	Flow	0.000	0.000
	Land Application Area, sf	130680	130680
	Land Application Area, ac	3.00	3.00

2.5 Effluent Disposal / Reuse

From the chlorine contact tankage of the wastewater treatment plant, effluent flows to a pump wet well. From the wet well effluent can be pumped to either a subsurface system or to a sprayfield. However, for the present and apparently for the last several years, effluent from this treatment plant is disposed or reused only at the restricted access sprayfield. The subsurface system was reported to have a capacity of 0.016 MGD.

In addition to the sprafield and subsurface system, there is a rapid infiltration basin which has been given a 0 MGD disposal capacity. The current permit indicates it is only used for wet weather and emergency storage. (Note, effluent can be placed into this basin from the filter dose tank, which is equipped with a transfer pump for this purpose).

The relationship of the sprayfield system to the treatment facility is shown in the aerial map provided in figure 1.6

The associated loading rates of th sprais system at current and design flows is as follows:

TABLE 2.5
Effluent Disposal\Reuse System

System Type	Application Area (acres)	Flow (MGD)	Loading Rate (in/wk)
restricted access sprayfield	34.7	0.216	1.60
•		0.166	1.23

Note: 1.9 gpd/sf equals 21.3 in/wk; 5.6 gpd/sf equals 62.9 in/wk.

Based on site observation, the system appears to be functioning properly. It is recommended that the operator and Owner continue to monitor the performance of the system regularly, and particularly if flows should increase.

2.6 Waste Sludge Disposal or Reuse System

2.6.1 General Information About Rule 62-640, EPA Rule 503

The disposal of waste sludge from domestic wastewater plants in Florida is regulated by the FDEP under their rule 62-640, by the Federal Government under EPA rule 503, and often by local regulation which varies.

The relationship of the rules to each other is complex, but generally, WWTP owners have two ways to comply with rule 62-640 and rule 503. First, if the Owner elects to use a sludge hauler solely to haul his waste sludge to a land application site, the Owner will usually have to have on file with FDEP an Agricultural Use Plan (AUP). In many cases, the Owner will also need to obtain approval from the USEPA for the same site. In the second case, the Owner can enter into a contract with a sludge hauler who holds a permit from the FDEP to haul, treat and dispose of sludge himself. The hauler will have a type of permit known as a Regional Residuals Treatment Facility or Regional residuals Management Facility permit.

The primary difference between the first and second case is that in the first case, the sludge hauler is not permitted by FDEP to treat sludge, and so the Owner will hold the State FDEP AUP and the Federal permit, whereas in the second case, the hauler will usually hold those responsibilities.

Both rule 62-640 and Rule 503 have extensive record keeping and permitting requirements, particularly for facilities that have their sludge removed to an agricultural use site. Basically records include keeping a running total of when sludge is hauled, where, and keeping a running tally on the accumulation of the amount of heavy metals disposed of at the land application site. For plants hauling their sludge to another treatment, matters are significantly simplified, but hauling records are still required.

2.6.2 Disposal and Reuse of Waste Sludge From Forest Lakes Estates WWTP.

Estimated sludge removal quantities (dry annual tonnage) is shown below. Sludge from this facility is removed by White Septic. Please refer to the process calculations in table 2.4 for information on the SRT and predicted VSS destruction from this facility from the aerobic process alone., which is less than class B.

Sludge from this facility is hauled to another treatment plant for further stabilization and disposal.

The disposition of the sludge is as follows:

Table 2.6 Sludge (Residuals) Disposal

	Direct Land Application	Regional Residual Treatment Facility
Quantity Site/Facility	n/a dry-tons/yr	15.8 dry-tons/yr
Name	N/A	Shady Hills RMF
Location	N/A	
County	N/A	Pasco

3.0 Future Conditions - Wastewater Flow Projection

3.1 Unit Waste Generation Rates

The current ADF unit waste generation rate(s) applicable to this facility is gpd per mobile home.

From section 3.1, the maximum month average daily flow is 0.166 MGD.

There are 900 mobile homes served by this facility at the present.

From this, it is concluded that the unit waste generation rate is 184 gpd per mobile home.

3.2 Future Possible Average Flow

The future possible average flow to this facility is calculated in table 3.2 under the premise that the maximum future or build out flow is equal to the maximum number of units that contribute wastewater times their unit waste generation rate.

Table 3.2 Future Possible Average Flow

Type of Unit	#of Units	Unit Waste Generation Rate	Future Flow
mobile home unit	900	184 gpd per mobile home	0.166MGD

3.3 Growth Rate

Future growth rates can be predicted from several methods. In general, the major methods are: linear regression of historical flow, local municipal comprehensive plan projections, and site specific knowledge.

In this case, site specific knowledge was used to predict flows using information supplied by the owners. According to the information provided by the utility, the service area is essentially built out, the population demographics appear stable, and no further growth is expected.

4.0 Summary and Recommendations

Based on the analysis of the wastewater treatment plant, effluent disposal or reuse system and sludge handling stream, the maximum ratable capacity of the system as a whole is 0.216 MGD, as noted in the foregoing sections.

Future maximum capacity anticipated is 0.166 MGD.

In accordance with 62-600.405 F.A.C. and based on future flow projections and present capacity, the owner of this facility needs to continue to monitor the proper operation of the plant.

Water Rate Base

Florida Public Service Commission

Revised Schedule A-1 Page 1 of 1 Preparer: Virchow, Krause

Company: Labrador Utilities, Inc. Docket No.: 060262-ws Test Year End: December 31, 2005

anati on:

Line	As Reported Balance Per	A/R Current Year.Ended		Utility	Adjusted Books	Ргоботта	Adjusted Utility	I Supporting
No. Description	Books	12/31/2005	Difference	Adjustments	Balance Adjustments	djustments	Balance	Schedule(s)
1 Utility Plant in Service (Average)	\$ 541,863	3 \$ 554,604 \$	(12,741) \$	ı	\$ 554,604 \$ 72,042 A	72,042 A	•	626,646 A-5, A-3
2 Utiliy Land & Land Rights		200			•			- A-5
3 Less: Non-Used & Useful Plant				ı	,	0		- A-3, A-7
4 Construction Work in Progress	78,116	78,116		(78,116) D	•	,		. A-3, A-18
5 Less: Accumulated Depreciation (Average)	(111,220)	(118,445)	7,225	,	(118,445)	66,982 B		(51,463) A-9
6 Less: CIAC	(171)	(171)	3 (,	(171)	,		(171) A-12
7 Accumulated Amortization of CIAC	,		1 4	1	•	,		0 A-14
8 Acquisition Adjustment	(335,285)	(335,285)		335,285 E	•			- A-3, A-18
9 Accum. Amort. Of Acq. Adjustments	9,204	9,204	1 1	(9,204) E		1		- A-3, A-18
10 Advances for Construction	•			•		,		- A-16
11 Working Capital Allowance				,	,	14,053 F		14,053 A-17, A-3
12 Total Rate Base	\$ 182,506	% \$ 188,023 \$	\$ (2,517) \$	247,965	\$ 435,988	,	\$	589,065

The differences in the 2005 Utility Plant in Service and Accumulated depreciation average balances are directly related to commission ordered adjustments. The adjustments impacted Average Plant 12,741 (25,483/2) and Accumulated depreciation 7,225 (14,449/2). See schedules A-5 and A-9.

DOCUMENT NUMBER - DATE

06074 JUL108

Company: Labrador Utilities, Inc. Docket No.: 060262-ws

Test Year End: December 31, 2005

Revised Schedule A-5 Page 1 of 1

ion: Provide

		Pri	Reported or Year		A/R ior Year	m.14			st Year			Non-Used &	Non-Used Useful
<u> 10.</u>	Account No. and Name		31/2004	12/	31/2004	Differe	nce	12/3	31/2005	_A	verage	Useful %	Amount
1	INTANGIBLE PLANT												
2	301.1 Organization	\$	15,288	\$	15,288	\$	-	\$	15,338	\$	15,313	0%	\$ -
3	302.1 Franchises		7,933		7,933		-		7,933		11,900	0%	-
4	339.1 Other Plant & Misc. Equipment		-				-		-		-	0%	-
5	SOURCE OF SUPPLY AND PUMPING PLANT						-				-		
6	303.2 Land & Land Rights		•				-		-		-	0%	-
7	304.2 Structrures & Improvements		9,435		9,435		-		14,759		16,815	0%	-
8	305.2 Collect. & Impound. Reservoirs		-				-		-		-	0%	-
9	306.2 Lake, River & Other Intakes		-				-		-		-	0%	-
10	307.2 Wells & Springs		52,432		52,432		_		55,401		80,133	0%	-
11	308.2 Infiltration Galleries & Tunnels		•		·		-					0%	
12	309.2 Supply Mains		-						-		-	0%	
13	310.2 Power Generation Equipment		-				_		-		-	0%	
14	311.2 Pumping Equipment		54,592		55,149		(557)		54,992		82,645	0%	
15	339.2 Other Plant & Misc. Equipment		•		,	,	-		-		•	0%	
16	WATER TREATMENT PLANT						_						
17	303.3 Land & Land Rights		_						-			0%	
18	304.3 Structrures & Improvements						_		_		_	0%	
19	320,3 Water Treatment Equipment		6,609		6.609		_		10,347		11,783	0%	
20	339.3 Other Plant & Misc. Equipment		-		0,000		_		10,041			0%	
21	TRANSMISSION AND DISTRIBUTION PLANT						_				_	0.00	
22	303.4 Land & Land Rights		_				_		_		_	0%	
23	304.4 Structrures & Improvements		_				_		_		_	0%	
23 24	330,4 Distr. Reservoirs & Standpipes		35,581		35,581		-		35.822		53.492	0%	
2 4 25	331.4 Transm. & Distribution Mains		250,269		250,269		-		250,269		375,404	0%	
	_		14,161		14,161		:	•	17,949		23,136	0%	
26	333.4 Services		19,654		19,654		•		34,918		37,113	0%	
27	334.4 Meters & Meter Installations				-		•		3,356		5,034	0%	
28	335.4 Hydrants		3,356		3,356		-		3,336		5,034	0%	
29	339.4 Other Plant & Misc. Equipment		-				-		-		-	0%	
30	GENERAL PLANT						•				-	0%	
31	303.5 Land & Land Rights		-				•		•		-	0%	
32	304.5 Structrures & Improvements		-				-				4 000		
33	340.5 Office Furniture & Equipment		977		977		-		1,711		1,833	0%	
34	341.5 Transportation Equipment		(2,465)		16,588	(19	,053)		(2,409)		15,384	0%	
35	342.5 Stores Equipment		-				-		-		-	0%	
36	343.5 Tools, Shop & Garage Equipment		27,413		33,286	(5	,873)		28,720		47,646	0%	
37	344.5 Laboratory Equipment		358		358		-		358		537	0%	
38	345.5 Power Operated Equipment						-				-	0%	
39	346.5 Communication Equipment		1,079		1,079		-		1,079		1,619	0%	
40	347.5 Miscellaneous Equipment		•				-		•			0%	
41	348.5 Other Tangible Plant		32,405		32,405		-		24,105		44,458	0%	
					_							_	
42	TOTAL		529.077	- \$	554,560	\$ (25	483)	S.	554,648	\$	554.604		\$

The 25,483 difference is the result of commission ordered adjustments recorded in 2005.

Annual Accumulated Depreciation Additions and Balances

Florida Public Service Commission

Company: Labrador Utilities, Inc. Docket No.: 060262-ws Test Year End: December 31, 2005 Interim [] or Final [x]
Historic [x] or Projected []

Schedule: A-8 Page 1 of 1

Revised

Preparer: Virchow, Krause

Explanation: Provide the annual balance of accumulated depreciation, for water and sewer separately, for all years since either rate base was last established by this Commission, or the date of inception of utility service if rate base has not been establ

Line		Year-E	nd Balance		
No.	Description	Water		Sewer	
	1 8/15/2003 Balance [order no. PSC-03-0638-PAA-WS]	\$ 143,02	3 \$	390,950	
	2 2003 Additions			-	
	3 2003 Retirements	-			
	4 2003 Adjustments	(31,40	<u> </u>	(47,836)	
	5 12/31/2003 Balance	111,62	3	343,114	
	6 2004 Additions	19,38		36,611	
	7 2004 Retirements	10,04		8,292	
	8 2004 Adjustments	(16,89		-	
	9 12/31/2004 Balance	104,07	5	371,433	
	0 2005 Additions	20,35		50.837	
	1 2005 Retirements	5,53		22,633	
	2 2005 Adjustments	(52		-	
1	3 12/31/2005 Balance	118,36	6	399,637	
			04 Balance		D#
		Per MFR 118524		Per A8 104,075	Difference 14,449
Acct No.	Account Name	Credits *			
304	Structures and Improvements	0	-		
305	Collecting and Impounding Reservoirs	0			
306	Lake, River and Other Intakes	0			
307	Wells and Springs	0			
308	Infiltration Galleries and Tunnels	0			
309	Supply Mains	0			
310	Power Generation Equipment	0			
311	Pumping Equipment	(43)			
320	Water Treatment Equipment	o			
330	Distribution Reservors and Standpipes	0			
331	Transmission and Distribution Mains	0			
333	Services	0			
334	Meters and Meter Installations	0			
335	Hydrants	0			
336	Backflow Prevention Devices	0			
339	Other Plant Miscellaneous Equipment	0			
340	Office Furniture and Equipment	(660)			
341	Transportation Equipment	(6218)			
342	Stores Equipment	0			
343	Tools, Shop and Garage Equipment	(4775)			
344	Laboratory Equipment	80			
345	Power Operated Equipment	0			
346	Communication Equipment	(201)			
347	Miscellaneous Equipment	0			
348	Other Tangible Plant	(3159)		(507)	
	2005 Adjustments	(14976)		(527)	14976
		(1.50.0)			1.1010

CREDITS column (C) * are due to allocation of UIF plant & acquisition entry

Company: Labrador Utilities, Inc. Docket No.: 060262-ws Scheduled Year End: December 31, 2005

Revised Schedule A-9 Page 1 of 1

ion: Provide

No.	Account No. and Name	As Reported Prior Year 12/31/2004	A/R Prior Year 12/31/2004	Difference	Test Year 12/31/2005	Average	Non-Used & Useful %	Non-Used & Useful Amount
1	INTANGIBLE PLANT							
2	301.1 Organization	\$ -		\$ -	\$ -	\$ -	0%	\$ -
3	302.1 Franchises	-		-	-	-	0%	-
4	339,1 Other Plant & Misc, Equipment	•		•	-		0%	-
5	SOURCE OF SUPPLY AND PUMPING PLANT			-				
6	303.2 Land & Land Rights	-		-		-	0%	-
7	304.2 Structrures & Improvements	(21,979)	(21,979)	-	(21,683)	(32,821)	0%	-
8	305.2 Collect, & Impound, Reservoirs			•		•	0%	-
9	306.2 Lake, River & Other Intakes	-		-	-	-	0%	-
10	307.2 Wells & Springs	19,588	19,588	-	21,334	30,255	0%	-
11	308.2 Infiltration Galleries & Tunnels		•	-		-	0%	
12	309.2 Supply Mains	-		-	-	-	0%	-
13	310.2 Power Generation Equipment			-			0%	-
14	311.2 Pumping Equipment	4,289	4,359	(70)	7,046	7,882	0%	
15	339.2 Other Plant & Misc. Equipment		,	• •			0%	
16	WATER TREATMENT PLANT			_		-		
17	303.3 Land & Land Rights	•					0%	-
18	304.3 Structrures & Improvements					_	0%	-
19	320.3 Water Treatment Equipment	1,070	1,070	_	(3,247)	(554)	0%	
20	339.3 Other Plant & Misc. Equipment	-	1,000	_		,,,,	0%	
21	TRANSMISSION AND DISTRIBUTION PLANT	-		-	-	-		
22	303.4 Land & Land Rights			•			0%	-
23	304.4 Structrures & Improvements			_		_	0%	
24	330.4 Distr. Reservoirs & Standpipes	10,844	10.844	_	11,806	16,747	0%	
25	331.4 Transm. & Distribution Mains	82,414	82,414		88.245	126,537	0%	_
26	333.4 Services	(475)	(475)		(508)	(729)	0%	_
27	334.4 Meters & Meter Installations	2,226	2.226	_	3,000	3,726	0%	
28	335.4 Hydrants	1	1	_	76	39	0%	
29	339.4 Other Plant & Misc. Equipment		•	_			0%	
30	GENERAL PLANT			_			0 / 0	
31	303.5 Land & Land Rights	-		_	_	_	0%	
32	304.5 Structrures & Improvements			_	_	_	0%	
33	340.5 Office Furniture & Equipment	282	282	_	371	468	0%	
34	341.5 Transportation Equipment	(6,211)	3,317	(9,528)	(881)	2,877	0%	
35	342.5 Stores Equipment	(0,2)	0,017	(0,020)		-	0%	
36	343.5 Tools, Shop & Garage Equipment	2,460	7,311	(4,851)	4.724	9.673	0%	
37	344.5 Laboratory Equipment	303	303	(4,051)	411	509	0%	
38	345.5 Power Operated Equipment	303	503	-		509	0%	
39	346.5 Communication Equipment	44	44		67	- 78	0%	
39 40	345.5 Communication Equipment 347.5 Miscellaneous Equipment	**	44	•	07	76	0%	
40		9,219	9,219	-	7,605	13,022	0%	
41	348.5 Other Tangible Plant	5,215	5,∠15	•	7,005	13,022	070	
42	TOTAL	\$ 104.075	\$ 118.524	\$ (14,449)	\$ 118,366	\$ 118,445		\$ -

The 14,449 difference is the result of commission ordered adjustments recorded in 2005.

Net Operating Income Statement - Water

Florida Public Service Commission

 ${\bf Company: Labrador\ Utilities,\ Inc.}$

Corrected Schedule B1
Page 1 of 1

Docket No.: 060262-ws Test Year End: December 31, 2005

tion: Provide

.ine No. Description		Corrected Balance Per Books	Utility Test Year Adjustments		-	Utility Adjusted Test Year	Requested Revenue Adjustment	_	Requested Annual Revenues	Supporting Schedule(s)
1 OPERATING REVENUES		\$ 93,184	\$ 57,407	Α		\$ 150,591	\$ 25,859		\$ 176,449	<u>)</u> #N/A
2 Operation & Maintenance		112,426	-			112,426	27,840	F, G, L	140,266	6 #N/A
3 Depreciation, net of CIAC amort.		20,355	-			20,355	(66,982)	D	(46,627	") #N/A
4 Amortization	(1)	(7,894)	7,894	В		-	-		-	
5 Taxes Other Than Income		14,757	-			14,757	1,605	K, M	16,362	2 #N/A
6 Provision for Income Taxes		(31,671)	31,671	С			16,497	J	16,497	C-1, B-3
7 OPERATING EXPENSES		107,973	39,565			147,538	(21,040))	126,498	3_
8 NET OPERATING INCOME		\$ (14,789)	\$ 17,842			\$ 3,053	\$ 46,899		\$ 49,952	2
9 RATE BASE		\$ 182,506				\$ 430,471			\$ 583,548	<u>*</u> #N/A
10 RATE OF RETURN		-8.10%				0.71%)		8.56%	%

⁽¹⁾ The Amortization expense amount of (\$7,894) agrees to the Annual Report. No deficiency appears to exist. See schedule W-3 Attached.

Rate Schedule - Present, Interim, and Final

Florida Public Service Commission

Company: Labrador Utilities, Inc. Docket No.: 060262-ws Schedule Year Ended: December 31, 2005

Water [x] or Sewer [x]
Interim [] or Final [x]
Historic [x] or Projected []

Schedule: E-1 Revised Page 1 of 1

Preparer: Virchow, Krause

Explanation: Provide a schedule of present and proposed rates. State residential sewer cap, if one exists.

		(1)		(2)	(3)	(3)
ine		0 44 1 0	•	Test Year	Interim	Proposed
<u>No.</u> _		Class/Meter Size		Rates	Rates	Rates
1	<u>/ater</u> 69301	5/8" Residential Base Charge	s	6.28	\$ 6.61	\$ 9.09
2	69311	5/8" Residential Base Charge	3	6.28	6.61	9.09
3	69313	5/8" General Service Base Charge		6.28	6.61	9.09
4	09313	•		9.42	9.91	13.64
	69305	3/4" General Service Base Charge		15.70	16.52	
5		1" General Service Base Charge				22.73
6	69315	1" General Service Base Charge		15.70	16.52	22.73
7	-	1 1/2" General Service Base Charge		31.40	33.04	45.45
8		2" General Service Base Charge		50.24	52.87	72.73
9		3" General Service Base Charge		100.48	105.74	145.46
10		4" General Service Base Charge		157.00	165.22	227.27
11		6" General Service Base Charge		314.00	330.44	454.55
12	69304	2" Irrigation Base Charge		50.24	52.87	72.73
13	69314	2" Imigation Base Charge		50.24	52.87	72.73
14	69302	6" RV Resort Base Charge		314.00	330.44	454.55
15	69312	6" RV Resort Base Charge		314.00	330.44	454.55
16 G	allonage Ch	arge per 1,000 Gallons				
17	69301	5/8" Residential Base Charge		3.14	4.31	5.92
18	69311	5/8" Residential Base Charge		3,14	4.31	5.92
19	69313	5/8" General Service Base Charge		3,14	4.31	5.92
20	69305	1" General Service Base Charge		3.14	4.31	5.92
21	69315	1" General Service Base Charge		3.14	4.31	5.92
22	-	1 1/2" General Service Base Charge		3.14	4.31	5.92
23	-	2" General Service Base Charge		3.14	4.31	5.92
	-	•			4.31	
24	-	3" General Service Base Charge		3.14		5.92
25	-	4" General Service Base Charge		3.14	4.31	5.92
26	·	6" General Service Base Charge		3.14	4.31	5.92
27	69304	2" Irrigation Base Charge		3.14	4.31	5.92
28	69314	2" Irrigation Base Charge		3.14	4.31	5.92
29	69302	6" RV Resort Base Charge		3.14	4.31	5.92
30	69312	6" RV Resort Base Charge		3.14	4.31	5.92
24						
27						
	/astewater (<u>1)</u>				
29						
30	69321	5/8" Residential Base Charge		12.09	14.36	18.13
31	69331	5/8" Residential Base Charge		12.09	14.36	18.13
32	69333	5/8* General Service Base Charge		12.09	14.36	18.13
33	-	3/4" General Service Base Charge		18.14	21.54	27.19
34	69325	1" General Service Base Charge		30.23	35.90	45.32
35	69335	1" General Service Base Charge		30.23	35.90	45.32
36	-	1 1/2" General Service Base Charge		60.45	71.79	90.64
37	_	2" General Service Base Charge		96.72	114.87	145.02
38	-	3" General Service Base Charge		193.44	229.74	290.03
39	_	4" General Service Base Charge		302.25	358.97	453.18
40	_	6" General Service Base Charge		604.50	717.94	906.35
41	69322	6* RV Resort Base Charge		604.50	717.94	906.3
42	69332	6" RV Resort Base Charge		604.50	717.94	906.38
		· ·		004.50	111.54	900.30
	-	narge per 1,000 Gallons		0.24	10.14	40.00
44	69321	5/8" Residential Base Charge		9.34	10.14	12.80
45	69331	5/8* Residential Base Charge		9.34	10.14	12.80
46	69333	5/8" General Service Base Charge		11.21	12.17	15.36
47	69325	1" General Service Base Charge		11.21	12.17	15.36
48	69335	1" General Service Base Charge		11.21	12.17	15.34
49	•	2" General Service Base Charge		11.21	12.17	15.3
50	•	3" General Service Base Charge		11.21	12.17	15.30
51	-	4" General Service Base Charge		11.21	12.17	15.30
52	•	6" General Service Base Charge		11.21	12.17	15.36
53	69322	6" RV Resort Base Charge		11.21	12.17	15.36
54	69332	6" RV Resort Base Charge		11.21	12.17	15.36

⁽¹⁾ Residential class customers have maximum monthly gallonage charge of 6,000 gallons.