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REPLY TO ALTAMONTE SPRINGS

May 19, 2003

**BY HAND DELIVERY**

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(LICENSED IN TEXAS ONLY)

RECEIVED FPSC  
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Ms. Blanca Bayo  
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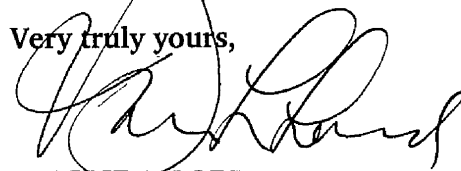
Re: Alafaya Utilities, Inc.; Application for Rate Increase in Seminole County, Florida;  
Docket No. 020408-SU  
Audit Control No. 02-309-3-1  
Our File No. 30057.46

Dear Ms. Bayo:

We enclose for filing in this docket the original and one copy of the Response of Alafaya Utilities, Inc. To Staff Inquiries Relating to Used and Useful Calculations.

Should you have any questions concerning the enclosed, please do not hesitate to give me a call.

Very truly yours,



VALERIE L. LORD  
Of Counsel

VLL/dmp

cc: Mr. Bart Fletcher, Economic Regulation (by facsimile) (with enclosures)  
Mr. Richard Redemann, Economic Regulation (by facsimile) (with enclosures)  
Mr. Steven M. Lubertozzi  
Mr. Donald W. Rasmussen  
Mr. Patrick Flynn  
Mr. David L. Orr, EI  
Mr. Frank Seidman  
Ms. Debbie Swain

DOCUMENT NUMBER DATE

04447 MAY 19 8

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ALAFAYA UTILITIES, INC.  
USED and USEFUL  
RESPONSE TO PSC STAFF INQUIRIES AT MAY 13, 2003 INFORMAL MEETING

The Staff called an informal meeting on May 13, to discuss the used and useful methodology for the wastewater treatment plant. Specifically, Staff was concerned with how to address the fact that the permitted capacity was 2.4 MGD, but the flows were limited to 1.535 MGD, the capacity of the disposal system. Since the disposal capacity was the limiting factor, the Utility had used it, rather than the permitted capacity, as the basis for calculating used and useful.

PSC Rule 25-30.432, Wastewater Treatment Plant Used and Useful Calculation, effective December 26, 2002 states in part:

The DEP permitted capacity shall be used in the denominator of the equation. In determining the used and useful amount the Commission will also consider other factors such as ... whether permitted capacity differs from the design capacity, whether there are differences between the actual capacities of the individual components of the wastewater treatment plant and the permitted capacity of the plant ... . This rule does not apply to reuse projects pursuant to section 367.0817(3), F.S., or investment for environmental compliance pursuant to 367.081(2)(a)2.c., F.S.

PSC Rule 25-30.431, Used and Useful Considerations, effective December 14, 1999, states in part:

In determining whether property is needed to serve customers more than five full years after the end of the test period ... the Commission shall consider ... the technical and economic options available for sizing increments of plant expansion.

From the comments at the meeting, it is the Utility's understanding that, based on these rules, Staff is requesting that the Utility revisit used and useful and consider the following: (1) separate out the portions of investment in treatment and disposal facilities that are related to reuse projects and environmental compliance, (2) evaluate differences between design and permitted capacity and the capacity of individual components to determine whether there is support for utilizing other than the permitted capacity in calculating used and useful. Included in this evaluation should be the consideration of economies of scale and the effect that designing the plant to treat for reuse had on component capacities.

It is the Utility's general conclusion from the meeting that, unless special circumstances can be shown, as allowed by Commission rules, Staff will evaluate used & useful on the basis of the 2.4 MGD permitted capacity rather than the 1.535 MGD permitted flow capacity of the disposal system. Assuming the Utility's test year flows, as shown on MFR Schedule F-6, are correct, the effect of such a change would be to reduce used and useful from 77% to 49% for treatment and disposal related plant.

## RESPONSE:

### A. General

The Utility has reviewed the plant and plant accounts to which the used and useful calculation in question would be applicable. The plant in question can be divided into two parts - that portion placed in service prior to and at the time of acquisition (1994) by Utilities, Inc. and that portion placed in service after acquisition (1995 forward). To the best of the Utility's knowledge, the major additions and/or modifications made to the plant after the acquisition are were specifically for the purpose of meeting reuse requirements. In the MFR, amounts totaling \$1.17 million are shown as a pro forma adjustment to Account 354.4. They are considered by the Utility to be 100% used and useful in accordance with section 367.0817(3), F.S., and should continue to be treated that way.

For the purpose of this response, the Utility concentrated on reviewing treatment and disposal plant placed in service prior to acquisition. These are plant assets identified in Accounts 354, 355 and 380 in the Original Cost Study<sup>1</sup> submitted as a part of this filing. To facilitate the used and useful analysis, the various assets were classified into four functional groups: (1) costs related to the first three phases of the plant, which brought its permitted capacity up to 1.2 MGD; (2) costs related to the fourth phase of the plant, which added 1.2 MGD of capacity, and brought its permitted capacity up to 2.4 MGD; (3) costs related to the plant in general, that are system and not capacity related (master planning, on-site equipment buildings, etc.); and (4) costs that are specifically related to the reuse function. The reason that these groupings facilitate the used and useful analysis is because it allows one to isolate those portions of investment that are capacity related from those that are not. The first two groupings are clearly related to providing treatment capacity. Used and useful analysis is necessary for these. The third group consists of treatment plant expenditures that are general in nature such as master planning, on-site equipment, etc. These costs are related to infrastructure, are not capacity related and do not require used and useful analysis. They would be required regardless of the size of the plant and are, therefore, 100% used and useful. The fourth group relates directly to the disposal of effluent through reuse and is, therefore; 100% used and useful, in accordance with section with section 367.0817(3), F.S.

Table A is a restatement of the cost of the acquired assets by function and account. Table B provides the detail supporting the classification of asset components by function. It is the "Supporting Documentation for Plant Additions" table from the Original Cost Study with line items highlighted for each function group in accounts 354, 355 and 380.

### B. Analysis of Capacity Related Used and Useful

The DEP permitted capacity of 2.4 MGD AADF is based on the combine hydraulic capacity of two extended aeration ring tanks of 1.2 MGD, each. The DEP permit limitation of 1.535 MGD AADF is based on the capacity of the disposal system. However, the Utility has determined that there are

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<sup>1</sup> The term "Original Cost Study" includes the Original Cost Study, December, 2002, the Supplement to Original Cost Study, March, 2003 and the May 9, 2003 letter to the Commission Clerk relating to the original cost study.

several reasons why the wastewater facility, in total, cannot handle 2.4 MGD in flows at present.

1. Based on preliminary engineering analysis, the facility would require approximately 480,000 gallons of surge tank storage volume and approximately 400-500,000 gallons of digester storage capacity to handle 2.4 MGD AADF. At present, the system has 211,000 gallons of surge tank storage volume and approximately 250,430 gallons of digester storage capacity. On the basis of surge tank storage volume, the system could presently treat 1.055 MGD of flows. On the basis of digester storage capacity, the system could treat approximately 1.336 MGD of flows. To treat greater flows will require additional investment in surge tank and digester storage capacity. Both of these limitations are less than the 1.535 MGD capacity used by the Utility in its used and useful calculations in the MFR at Schedule F-6.

2. DEP Rule 62-610, F.A.C., Reuse of Reclaimed Water and Land Application, relies on standards on standards and criteria in several technical publications in determining whether permits to construct or modify reuse facilities will be issued or denied. One of those is a publication of the of the Environmental Protection Agency (EPA) that requires that domestic wastewater facilities meet certain component reliability requirements. In general, the EPA criterion is that unit operations in the main wastewater system shall be designed such that, with the largest flow capacity unit out of service, the hydraulic capacity of the remaining units shall be sufficient to handle the peak wastewater flow. For the Alafaya system, that this means that with one of the 1.2 MGD tanks out of service, the remaining 1.2 MGD tank must be capable of handling peak flows. The utility has indicated at MFR Schedule F-6, that the AADF test year flows plus flows for the allowed post- test year period will be approximately 1.18 MGD. On this basis, the second 1.2 MGD tank is necessary to provide the required redundancy.

Since the Utility disposes of its effluent through public access irrigation, it must also meet additional EPA component reliability requirements for Reliability Class I. Under Reliability Class I, there are additional redundancy requirements for certain individual system components. However, the general redundancy requirement discussed above is controlling with regard to evaluation of used and useful.

The Utility has indicated a 77% used and useful factor in the MFR, based on the effluent disposal capacity limitations only. When evaluated on a reliability requirement basis, the wastewater treatment and disposal facilities should be considered 100% used and useful.

### C. Economies of Scale Considerations

The Utility also reviewed used and useful as presented in the MFR, but taking into consideration economies of scale. That is, if one ignores the redundancy requirement, and assuming plant capacity is limited to 1.535 MGD because of effluent disposal limitations, was there any economic benefit to adding a second 1.2 MGD tank rather than a 0.335 MGD tank, which is all that would have been required to have permitted treatment capacity equal disposal capacity (existing 1.2 MGD capacity + 0.335 MGD = 1.535 MGD)?

Generally speaking, in today's economy, a .400 MGD ring tank can be built for about \$4.00/GPD compared to \$3.35/GPD for a 1.2 MGD ring tank, or a difference of approximately 19%. Because of standardization in tank size, it would be difficult to get a tank sized for 0.335 MGD. Since the Utility would have to buy a 0.400 MGD tank when it only need needs 0.335 MGD, the effective unit cost would become \$4.47/GPD or a difference of approximately 33%. These unit costs assume the tanks provide simple extended aeration treatment and the costs and other considerations associated with advanced treatment for reuse are not factors.

However, the costs and other considerations associated with advanced treatment for reuse are factors, as is the availability of space at the site. When these factors are considered, the economies in favor of the single larger tank are heightened.

In order to consider adding capacity in smaller steps, it would have been necessary to modify all of the piping to and from the surge tanks and digesters, then relocate the existing surge tanks and digesters, in order to eke out the additional space necessary for additional tank(s). Even then, there would still only be room for, at the most, one more tank. So, the logical sequence of events in consideration of small incremental capacity additions would have included: relocating the surge tanks and digesters, modifying all of the internal plant piping, then adding of a 0.400 MGD tank, followed in short order by the addition of another 0.800 MGD tank. All of these steps would have added to the unit cost differential.

Finally, this scenario would have been rendered moot by the inability of the remaining plant components to provide redundant capacity sufficient for treating peak flows with the largest unit, the existing 1.2 MGD tank, out of service.

#### D. Conclusions

After further analysis, the Utility believes that, regarding wastewater treatment and disposal related plant, used and useful analysis is only appropriate for the limited portion of the assets that are capacity related. For those assets, the percent used and useful should be 100% rather than the 77% indicated in the MFR. The remaining treatment and disposal plant assets, which are general in nature or directly related to reuse, as previously discussed, should be considered 100% used and useful.

TABLE A  
ALAFAYA UTILITIES, INC.  
RESTATEMENT OF COST OF ACQUIRED ASSETS  
BY FUNCTION AND ACCOUNT  
BALANCES AS OF DECEMBER 31, 2001

	Acct. 354	Acct. 355	Acct. 380
STP COST - Capacity Related through Phase III (1.2 MGD)			
Plant in Service Balance	368,805	0	1,089,505
Accumulated Depreciation	164,532	0	886,285
Net Plant	204,273	0	203,220

STP COST - Capacity Related - Phase IV (2.4 MGD)			
Plant in Service Balance	0	0	1,060,544
Accumulated Depreciation	0	0	767,784
Net Plant	0	0	292,760

STP COST - System Related			
Plant in Service Balance	159,814	5,147	28,711
Accumulated Depreciation	62,774	3,138	21,650
Net Plant	97,040	2,009	7,060

REUSE RELATED COST			
Plant in Service Balance	0	0	1,526,628
Accumulated Depreciation	0	0	668,207
Net Plant	0	0	858,421

TABLE B

ALAFAYA UTILITIES, INC  
SUPPORTING DOCUMENTATION FOR PLANT ADDITIONS  
1985 - 1993  
ARRANGED BY DATE WITHIN PRIMARY ACCOUNTS  
APPLICABLE TO ACCOUNTS 354, 355 and 380 ONLY

STP COST - Capacity Related through Phase III (1.2 MGD)  
STP COST - Capacity Related - Phase IV (2.4 MGD)  
STP COST - Non-Capacity Related  
REUSE RELATED COST

Vendor	Invoice No.	Invoice Date	Payment Date	Ck No.	Description	Amount	Account	Year	Amount	Total by Account
C Regulated Industry Consultants, Inc.	12-0985	16-Sep-85	14-Nov-85	10012	PSC Certificate Application	7,983.34	352	1985	7,983.34	
L Meyers, Kenin et al	—	27-Jan-86	27-Feb-86	10036	PSC certification of utility	2,360.00	352			
L Meyers, Kenin et al	—	10-Mar-86	01-May-86	10059	PSC certification of utility	76.57	352			
E Commonwealth Engineering	831	24-Apr-86	08-Jul-86	10082	Riverwood - PSC application	1,487.50	352			
E Commonwealth Engineering	924	03-May-86	08-Jul-86	10082	Riverwood - PSC application	321.25	352			
L Meyers, Kenin et al	—	15-Jun-86	15-Jul-86	10092	PSC certification of utility	3,470.00	352			
E Commonwealth Engineering	1084	24-Jun-86	25-Jul-86	10093	Alafaya - PSC	316.25	352			
L Meyers, Kenin et al	—	17-Jul-86	27-Aug-86	10113	PSC certification of utility	4.11	352			
L Meyers, Kenin et al	—	17-Jul-86	27-Aug-86	10113	PSC certification of utility	190.39	352			
L Meyers, Kenin et al	—	17-Jul-86	27-Aug-86	10113	PSC certification of utility	5.50	352			
E Commonwealth Engineering	1941	09-Dec-86	02-Jan-87	10201	Twin Rivers - PSC Application	73.75	352	1986	8,305.32	
E Commonwealth Engineering	4421	16-Jun-89	22-Jul-89	10953	Alafaya Util. - Misc - Certifications & coord w/city	404.35	352	1989	404.35	16,693.01
C Aries Construction	P O 63008	02-Jan-86	14-Jan-86	10020	Clearing, grading, earthwork @ WWTP	8,225.00	354			
E Glace, Radcliffe	—	20-Mar-86	14-Apr-86	10055	Surveying re effluent disposal site	112.00	354			
E Glace, Radcliffe	—	20-Mar-86	14-Apr-86	10055	Surveying re effluent disposal site	112.00	354			
E Glace, Radcliffe	—	15-Jul-86	12-Aug-86	10099	Surveying re effluent disposal site	261.00	354			
C Land Star	P.O. 63634	16-Jul-86	14-Jul-86	10085	Sod for retention ponds	8,286.30	354			
E Glace, Radcliffe	—	06-Aug-86	17-Sep-86	10126	Surveying re effluent disposal site	668.00	354			
C Mohamad Excavation	1	25-Aug-86			Perc. ponds excavation, clearing, piping	93,715.60	354			
E Glace, Radcliffe	—	29-Aug-86	17-Sep-86	10122	Surveying re effluent disposal site	168.00	354			
C Land Star	P O. 65303	17-Sep-86	29-Sep-86	10129	Sod for large effluent pond	6,160.00	354			
C Mohamad Excavation	2	25-Sep-86			Perc. ponds excavation, clearing, piping	67,784.40	354			
C Mohamad Excavation	3	25-Sep-86			Perc. ponds excavation, clearing, piping	8,500.00	354			
E Glace, Radcliffe	—	29-Sep-86	29-Oct-86	10158	Surveying re effluent disposal site	410.00	354			
C Burch & Son	P.O 65311	02-Oct-86	10-Oct-86	10137	Install pipes @ STP retention pond	7,000.00	354			
C All State Grassing	P.O 65319	09-Oct-86	14-Oct-86	10145	Seed & Mulch for STP	1,089.00	354			
C Land Star	P.O 65795	13-Oct-86	20-Oct-86	10152	Sod for large effluent pond	2,112.00	354			
C Bill's Landscaping	P.O. 65794	13-Oct-86	20-Oct-86	10150	Landscaping @ STP	2,575.00	354			
E Glace, Radcliffe	—	27-Oct-86	15-Dec-86	10183	Surveying re effluent disposal site, WWTP	112.00	354			
C Palmer Electric	P.O. 65717	11-Nov-86	26-Nov-86	10177	Install trailer (office) service	2,091.00	354			
C Land Star	P.O. 65632	12-Nov-86	27-Oct-87	10129	Sod for effluent ponds	11,836.00	354			
E Glace, Radcliffe	—	26-Nov-86	19-Jan-87	10206	Surveying re effluent disposal site, WWTP	196.00	354			
C Burch & Son	P O. 65578	02-Dec-86	04-Dec-86	10178	Clearing & Berm work @ STP	3,985.00	354			
E Glace, Radcliffe	—	13-Dec-86	15-Dec-86	10184	Surveying re WWTP	610.00	354			
E Glace, Radcliffe	—	15-Dec-86	15-Dec-86	10183	Surveying re effluent disposal site, WWTP	784.00	354			
C Land Star	P.O 65859	18-Dec-86	02-Jan-87	10193	Sod for retention pond	6,608.14	354			
C Mohamad Excavation	1146	1986			Perc. ponds excavation, clearing, piping	-150.00	354			
C Mohamad Excavation	1179	1986			Perc. ponds excavation, clearing, piping	-550.00	354			
C Mohamad Excavation	1149	1986			Perc. ponds excavation, clearing, piping	-260.00	354	1986	232,440.44	
C Gale Insulation	P.O. 65899	07-Jan-87	11-Feb-87	10226	Insulation for pump house	170.00	354			
C All State Grassing	P O. 66023	19-Jan-87	29-Jan-87	10213	Sod & seeding of entrance, STP	294.00	354			
C Burch & Son	P O. 66016	19-Jan-87	29-Jan-87	10214	Berm work @ STP	275.00	354			
E Glace, Radcliffe	—	26-Jan-87	26-Feb-87	10236	Surveying re effluent disposal site	336.00	354			
C Burch & Son	P.O. 65947	30-Jan-87	11-Feb-87	10227	Berm work @ STP	4,607.00	354			
C All State Grassing	P.O. 66208	18-Feb-87	26-Feb-87	10235	Sod for dyke & entrance, STP	8,284.02	354			
C All State Grassing	P.O. 66206	18-Feb-87	26-Feb-87	10235	Sod for STP	2,940.00	354			

E Commonwealth Engineering	2143	26-Feb-87	19-Mar-87	10252 <i>Alafaya Util - Equipment Bldg.</i>	101.25	354		
C Burch & Son	P O 66091	03-Mar-87	11-Mar-87	10242 <b>Berm work @ STP</b>	<b>118.00</b>	354		
E Glace, Radcliffe	—	11-Mar-87	13-Apr-87	10259 <b>Surveying re effluent disposal site, WWTP</b>	<b>949.00</b>	354		
C Burch & Son	P.O. 66109	13-Mar-87	19-Mar-87	10255 <b>Berm work @ STP</b>	<b>1,357.50</b>	354		
E Commonwealth Engineering	2234	25-Mar-87	13-Apr-87	10264 <i>Alafaya Util - Equipment Bldg</i>	27.50	354		
E Glace, Radcliffe	—	26-Mar-87	29-Apr-87	10280 <b>Surveying re effluent disposal site</b>	<b>2,441.50</b>	354		
C Ali State Grassing	P.O. 66232	02-Apr-87	13-Apr-87	10267 <b>Sod for berm around STP</b>	<b>2,450.00</b>	354		
C Classic Fence	P O 66237	06-Apr-87	13-Apr-87	10266 <i>Temporary removal &amp; storage of fence, STP</i>	295.00	354		
E Commonwealth Engineering	2313	23-Apr-87	12-May-87	10283 <i>Alafaya Util. - Equipment Bldg</i>	1,273.25	354		
C Classic Fence	P.O. 66372	01-May-87	12-May-87	10284 <i>Reinstallation of fence &amp; gate</i>	1,170.00	354		
E Commonwealth Engineering	2398	21-May-87	15-Jun-87	10306 <i>Alafaya Util. - Equipment Bldg</i>	207.25	354		
E Roger A. Barth	—	29-May-87	26-Jun-87	10319 <i>re Design of Utility blower &amp; generator building</i>	600.00	354		
E Commonwealth Engineering	2477	18-Jun-87	14-Jul-87	10324 <i>Alafaya Util - Equipment Bldg</i>	533.75	354		
E Roger A Barth	—	28-Jun-87	29-Jul-87	10337 <i>re Design of Utility blower &amp; generator building</i>	1,300.00	354		
C John Albee	P.O. 66246	14-Jul-87	09-Jul-87	10320 <b>STP Plant -labor - structure</b>	<b>700.00</b>	354		
E Commonwealth Engineering	2587	16-Jul-87	01-Sep-87	10352 <i>Alafaya Util. - Equipment Bldg</i>	186.25	354		
E Commonwealth Engineering	2538	16-Jul-87	01-Sep-87	10352 <i>Alafaya Util. - Equipment Bldg</i>	159.00	354		
E Roger A Barth	—	23-Jul-87	01-Sep-87	10355 <i>re Design of Utility blower &amp; generator building</i>	100.00	354		
E Commonwealth Engineering	2641	31-Jul-87	14-Oct-87	10390 <i>Sales Tax on Inv. 2587 re Equipment Bldg</i>	9.31	354		
E Commonwealth Engineering	2710	14-Aug-87	14-Sep-87	10359 <i>Alafaya Util - Equipment Bldg</i>	2,387.14	354		
E Commonwealth Engineering	2969	06-Nov-87	24-Nov-87	10424 <i>Alafaya Util - Equipment Bldg</i>	195.93	354		
E Commonwealth Engineering	3058	04-Dec-87	06-Jan-88	10465 <i>Alafaya Util - Equipment Bldg</i>	286.74	354	1987	33,754.39
C Larry Jackson	P.O. 67468	23-Dec-87	06-Jan-88	10468 <i>Labor for platform &amp; steps for utility office trailer</i>	200.00	354		
E Glace, Radcliffe	—	24-Dec-87	18-Jan-87	10477 <b>Surveying re effluent disposal site</b>	<b>224.00</b>	354		
E Commonwealth Engineering	3138	05-Jan-88	27-Jan-88	10483 <i>Alafaya Util - Equipment Bldg</i>	374.06	354		
C Burch & Son	P.O. 67534	12-Jan-88	27-Jan-88	10480 <i>Prep. pad for building @ STP</i>	55.00	354		
C B&B Steel Erectors	P O. 68051	13-Jan-88		<b>WWTP - labor for Equipment Building</b>	<b>8,500.00</b>	354		
E Commonwealth Engineering	3295	19-Feb-88	28-Mar-88	10549 <i>Alafaya Util. - Equipment Bldg</i>	271.45	354		
C Accu-Span	P.O. 68320	29-Feb-88	09-Mar-88	10535 <i>Roof trusses for equipment building</i>	2,887.25	354		
E Commonwealth Engineering	3376	18-Mar-88	13-Apr-88	10576 <i>Alafaya Util - Equipment Bldg</i>	101.25	354		
C Paul Ozolnicks	P.O. 68440	04-Apr-88	13-Apr-88	2843 <i>Hang doors &amp; trm, utility building</i>	110.00	354		
C Don Covey's Roofing	1603	08-Apr-88	28-Apr-88	10592 <i>Roof for Utilities Building</i>	1,408.00	354		
E Commonwealth Engineering	3455	15-Apr-88	12-May-88	10600 <i>Alafaya Util. - Equipment Bldg</i>	101.25	354		
C Paul Ozolnicks	P O. 68273	19-Apr-88	09-Mar-88	10537 <i>Frame utility equipment building</i>	1,800.00	354		
C Paul Ozolnicks	P O 68273	19-Apr-88	17-Mar-88	2804 <i>Frame utility equip bldg; retainer less back pay</i>	137.68	354		
C B&B Steel Erectors	669	25-Apr-88		<b>WWTP - Equipment Building</b>	<b>28,303.51</b>	354		
C Eddie Rowell	P O. 68514	28-Apr-88	12-May-88	10604 <b>Effluent Pond Fencing, 4450 L.F.</b>	<b>14,148.10</b>	354		
C Bill Ault Drywall	P.O. 68129	26-May-88	13-Jun-88	10621 <i>Equipment building drywall</i>	2,090.00	354		
C Overhead Door	P.O. 68128	26-May-88	13-Jun-88	10627 <i>Overhead door for Equipment Building</i>	492.00	354		
C Burch & Son	P.O. 68587	07-Jun-88	13-Jun-88	10622 <i>Clean up re new STP building</i>	278.50	354		
C G. L. Partin	P.O. 68738	26-Jul-88	04-Aug-88	10674 <b>Sod for Effluent Disposal Ponds</b>	<b>12,000.00</b>	354		
C G. L. Partin	P.O. 68739	26-Jul-88	04-Aug-88	10674 <b>Sod for Effluent Disposal Ponds</b>	<b>7,896.00</b>	354		
C Eddie's Fence Erection	P.O 69189	03-Nov-88	14-Nov-88	10763 <i>STP Fencing</i>	9,458.15	354		
C Eddie's Fence Erection	P.O 70082	03-Nov-88	24-Aug-89	10978 <i>STP Fencing</i>	9,087.35	354		
C Mohamad Excavation	2	1988		<b>Perc. ponds excavation, clearing, piping</b>	<b>44,203.50</b>	354		
C Mohamad Excavation	1	1988		<b>Perc. ponds excavation, clearing, piping</b>	<b>32,338.00</b>	354		
C Mohamad Excavation	3	1988		<b>Perc. ponds excavation, clearing, piping</b>	<b>4,141.05</b>	354		
C Mohamad Excavation	4	1988		<b>Perc. ponds excavation, clearing, piping</b>	<b>2,713.20</b>	354	1988	183,319.30
C Classic Fence	P.O 69232	04-Jan-89	13-Jan-89	10802 <i>Temporary removal of fence, STP</i>	225.00	354		
C Classic Fence	P.O. 69740	19-Apr-89	12-May-89	1024 <i>Reinstallation of fence &amp; gate</i>	695.00	354		
C Fore Golf	P.O 69835	25-May-89	15-Jun-89	1062 <b>Type I material to facilitate effluent disposal</b>	<b>7,862.40</b>	354		
C Fore Golf	P.O. 69834	25-May-89	15-Jun-89	1062 <b>Clay for pond liner</b>	<b>1,820.00</b>	354		
C Fore Golf	P.O. 69954	08-Aug-89	14-Aug-89	1127 <b>Monitoring wells, pump &amp; earthwork for efflue:</b>	<b>55,369.72</b>	354	1989	65,972.12
C DeWitt Custom Concrete	2194	25-Mar-90	15-Apr-90	100239 <i>Sidewalk, drive approach for STP</i>	6,242.40	354		
C Burch & Son	P.O. 70714	26-Mar-90	15-Apr-90	100237 <i>Sidewalk @ STP</i>	602.50	354		
C Burch & Son	P.O. 70609	27-Mar-90	15-Apr-90	100237 <i>Sidewalk @ STP</i>	767.28	354		
C Pro-Spec	P.O. 70807	26-Apr-90	15-May-90	100268 <i>Sod for STP</i>	880.00	354	1990	8,482.18
C DeWitt Custom Concrete	2827	05-Apr-91	06-May-91	100609 <i>Drve &amp; parking for STP</i>	4,650.48	354	1991	4,650.48 528,618.91
C Palmer Electric	P.O. 67506	04-Jan-88	14-Jan-88	10476 <i>Wire emergency generator</i>	992.75	355	1988	992.75
C Harper Mechanical	P.O. 69269	27-Mar-89	13-Apr-89	10903 <i>Air Shroud for Wall Louver for Emergency Gen</i>	3,200.00	355		
C Florida Generator	P.O. 69605	30-Mar-89	13-Apr-89	10901 <i>3 Phase Conversion Kit - Generator</i>	954.00	355	1989	4,154.00 5,146.75



C	Aries Construction, see sub ledger below	Contract	21-Jan-86		3370 LF - 12" Force Main	40,440.00	360				
C	Aries Construction, see sub ledger below	Contract	21-Jan-86		Wellpointing	4,500.00	360				
C	Aries Construction, see sub ledger below	Contract	21-Jan-86		1 - 10" Plug Valve	1,400.00	360				
C	Aries Construction, see sub ledger below	Contract	21-Jan-86		1200 LF - 10" Force Main	10,800.00	360				
C	Aries Construction	Contract	25-Aug-86		3150 LF - 6" Force Main, Alafaya Woods, N. Entr	17,797.50	360				
C	Aries Construction	Contract	25-Aug-86		100 LF - Bore & Jack, Alafaya Woods, N. Entr. Rt	6,000.00	360	1986	80,937.50		
E	Commonwealth Engineering		2789	11-Sep-87	29-Oct-87	10398 Alafaya Utilities - re River Utility Crossing	1,340.06	360			
E	Commonwealth Engineering		3061	04-Dec-87	06-Jan-88	10465 Alafaya Utilities - re River Utility Crossing	568.21	360	1987	1,908.27	
E	Commonwealth Engineering		3142	05-Jan-88	27-Jan-88	10483 Alafaya Util. - Effluent transmission main	1,074.82	360			
E	Commonwealth Engineering		3225	22-Jan-88	28-Feb-90	100190 Alafaya Utilities - re River Utility Crossing	4,271.12	360			
E	Commonwealth Engineering		3226	22-Jan-88	24-Feb-88	10509 Alafaya Util. - Effluent transmission main	476.25	360			
E	Commonwealth Engineering		3299	19-Feb-88	28-Mar-88	10549 Alafaya Utilities - re River Utility Crossing	2,872.09	360			
E	Commonwealth Engineering		3381	18-Mar-88	13-Apr-88	10576 Alafaya Utilities - re River Utility Crossing	1,432.37	360			
E	Commonwealth Engineering		3382	18-Mar-88	13-Apr-88	10576 Alafaya Util. - Effluent transmission main	2,809.02	360			
E	Commonwealth Engineering		3458	15-Apr-88	28-Feb-90	100190 Alafaya Utilities - re River Utility Crossing	3,808.04	360			
E	Commonwealth Engineering		3459	15-Apr-88	12-May-88	10600 Alafaya Util. - Effluent transmission main	1,386.25	360			
E	Commonwealth Engineering		3529	13-May-88	13-Jun-88	10623 Alafaya Utilities - re River Utility Crossing	397.15	360			
E	Commonwealth Engineering		3530	13-May-88	13-Jun-88	10623 Alafaya Util. - Effluent transmission main	1,025.00	360			
E	Commonwealth Engineering		3592	10-Jun-88	13-Jul-88	10655 Alafaya Util. - Effluent transmission main	218.05	360			
E	Commonwealth Engineering		3716	05-Aug-88	14-Sep-88	10709 Alafaya Util. - Effluent transmission main	211.19	360			
E	Commonwealth Engineering		3715	05-Aug-88	14-Sep-88	10709 Alafaya Utilities - re River Utility Crossing	257.62	360			
E	Commonwealth Engineering		3784	02-Sep-88	13-Oct-88	10728 Alafaya Utilities - re River Utility Crossing	30.00	360			
E	Commonwealth Engineering		3848	30-Sep-88	14-Nov-88	10762 Alafaya Utilities - re River Utility Crossing	1,084.10	360			
E	Commonwealth Engineering		3849	30-Sep-88	14-Nov-88	10762 Alafaya Util. - Effluent transmission main	765.28	360			
E	Commonwealth Engineering		3912	28-Oct-88	13-Dec-88	10787 Alafaya Utilities - re River Utility Crossing	1,317.97	360			
E	Commonwealth Engineering		4047	23-Dec-88	13-Feb-89	10841 Alafaya Utilities - re River Utility Crossing	177.41	360	1988	23,613.73	
E	Commonwealth Engineering		4195	23-Feb-89	14-Mar-89	10872 Alafaya Util. - Effluent transmission main	21.40	360			
E	Commonwealth Engineering		4197	23-Feb-89	14-Mar-89	10872 Alafaya Utilities - re River Utility Crossing	716.72	360			
E	Commonwealth Engineering		4119	23-Feb-89	14-Mar-89	10872 Alafaya Utilities - re River Utility Crossing	130.18	360			
C	Georgetown Enterprises		3514	07-Mar-89	13-Apr-89	10902 Alafaya Utilities - re River Utility Crossing	2,697.00	360			
E	Commonwealth Engineering		4253	24-Mar-89	13-Apr-89	10899 Alafaya Utilities - re River Utility Crossing	554.98	360			
E	Commonwealth Engineering		4251	24-Mar-89	13-Apr-89	10899 Alafaya Util. - Effluent transmission main	20.00	360			
E	Commonwealth Engineering		4309	21-Apr-89	01-Jun-89	10943 Alafaya Utilities - re River Utility Crossing	27.04	360			
C	Joe K. Matthews		1748	24-Apr-89	23-May-89	1028 install 8" G Valve in force main	540.00	360			
E	Commonwealth Engineering		4369	19-May-89	15-Jun-89	1058 Alafaya Util. - Effluent transmission main	34.84	360			
E	Commonwealth Engineering		4371	19-May-89	15-Jun-89	1058 Alafaya Utilities - re River Utility Crossing	4.20	360			
E	Commonwealth Engineering		4475	14-Jul-89	14-Aug-89	1121 Alafaya Utilities - re River Utility Crossing	928.29	360			
C	Fore Golf	P O. 69951	31-Jul-89	14-Aug-89	1126 Extend force main for effluent to holding pond	1,425.00	360				
E	Commonwealth Engineering		4535	11-Aug-89	18-Sep-89	10985 Alafaya Util. - Effluent transmission main	173.50	360			
C	Georgetown Enterprises	P O. 70095	01-Sep-89	14-Sep-89	10902 Alafaya Utilities - re River Utility Crossing	3,493.50	360				
E	Commonwealth Engineering		4603	08-Sep-89	11-Oct-89	100046 Alafaya Util. - Effluent transmission main	637.58	360			
E	Commonwealth Engineering		4654	06-Oct-89	15-Nov-89	100079 Alafaya Util. - Effluent transmission main	76.12	360	1989	11,480.35	
E	Commonwealth Engineering		5195	18-May-90	13-Jun-90	100291 Lockwood Road Reuse	9,412.31	360			
E	Commonwealth Engineering		5260	15-Jun-90	13-Jul-90	100323 Lockwood Road Reuse	2,144.02	360			
E	Commonwealth Engineering		5343	13-Jul-90	13-Aug-90	100351 Lockwood Road Reuse	510.00	360			
E	Commonwealth Engineering		5431	10-Aug-90	17-Sep-90	100387 Lockwood Road Reuse	1,741.93	360			
E	Commonwealth Engineering		5631	01-Oct-90	15-Nov-90	100434 Lockwood Road Reuse	207.50	360	1990	14,015.76	131,955.61
C	Aries Construction	Contract	25-Aug-86		13 - Manholes, Alafaya Woods, N Entr. Rd	12,285.00	361				
C	Aries Construction	Contract	25-Aug-86		280 LF - 6" Laterals, Alafaya Woods, N. Entr. Rd.	1,540.00	361				
C	Aries Construction	Contract	25-Aug-86		20 LF - 8" Sewer D.I.P., Alafaya Woods, N. Entr. I	320.00	361	1986	14,145.00		
E	Commonwealth Engineering		3452	15-Apr-88	12-May-88	10600 Alafaya Util. - Misc - Prepare maps	1,207.06	361			
E	Commonwealth Engineering		3843	30-Sep-88	14-Nov-88	Alafaya Util - Misc - Status report - reuse, service area maps	674.44	361			
E	Commonwealth Engineering		3907	28-Oct-88	13-Dec-88	Alafaya Util - Misc - Service area maps, ground water mon & coord re eff disp	452.38	361			
E	Commonwealth Engineering		4043	23-Dec-88	13-Feb-89	Alafaya Util - Misc - Ground water mon., effi disp ; conn Little Creek subdiv	1,419.44	361	1988	3,753.32	
C	Joe K. Matthews	P O 69246	23-Feb-89	14-Mar-89	10877 Relocate Sewer	13,923.00	361				
E	Commonwealth Engineering		4304	21-Apr-89	01-Jun-89	10943 man	385.00	361			
E	Commonwealth Engineering		4651	06-Oct-89	15-Nov-89	100079 Alafaya Util - Misc - utility easements	400.00	361	1989	14,708.00	
E	Commonwealth Engineering		4989	22-Feb-90	15-Mar-90	100203 Alafaya Util - Misc - inspections re STP & san. sewers	552.70	361			
E	Commonwealth Engineering		5429	10-Aug-90	17-Sep-90	100387 Alafaya Util - Misc - coord re Colony proj	146.95	361	1990	699.65	
E	Commonwealth Engineering		7241	04-Sep-92	15-Oct-92	100464 Alafaya Util - Misc - re little creek expansion	3,818.29	361	1992	3,818.29	37,124.26

E Commonwealth Engineering	3055	04-Dec-87	06-Jan-88	10465	Alafaya Util. - Misc. - Review rest. conn.	499.59	363	1987	499.59	
E Commonwealth Engineering	4122	23-Feb-89	14-Mar-89	10872	Oviedo Grove connection	1,079.13	363			
E Commonwealth Engineering	4255	24-Mar-89	27-Apr-89	1008	Oviedo Grove connection	209.61	363	1989	1,288.74	1,788.33
C Aries Construction	Contract	18-Dec-84			Master Lift Station	49,274.11	371			
C Aries Construction	1	25-Feb-85			WWTP, lift station, effl pump station, piping	67,388.60	371			
C Aries Construction	2	25-Mar-85			WWTP, lift station, effl pump station, piping	37,006.85	371			
C Aries Construction	3	25-Apr-85			WWTP, lift station, effl pump station, piping	64,912.29	371			
C Aries Construction	Final	25-Aug-85			WWTP, lift station, effl pump station, piping	19,656.27	371	1985	238,238.12	
C Aries Construction, see sub ledger below	Contract	21-Jan-86			Lift Station, Alafaya Woods 12A	31,360.00	371			
C Aries Construction	Contract	25-Aug-86			Lift Station, Alafaya Woods, N. Entr. Rd	25,747.50	371	1986	57,107.50	
C Fore Golf	P.O. 69785	05-May-89	12-May-89	1036	Wet weather pond pump station	16,077.00	371			
C Florida Concept	P.O. 70321	27-Oct-89	15-Nov-89	100082	Lockwood Rd. Irr. (Effluent) Pumping Station	3,268.00	371	1989	19,345.00	
E Commonwealth Engineering	6217	19-Apr-91	19-Aug-91	11484	Alafaya Util. - Misc re capacity, L S start up, flows	1,195.77	371	1991	1,195.77	
C Ellis K Phelps	4884	18-Mar-92	13-Mar-92	200321	3 Ph, 15 HP Grundfos Pump	2,098.80	371			
C Fla. Environmental Constr.	116	31-Aug-92	01-Oct-92	100409	Lift Station # 12, install sleeves, repl ck valves	1,200.00	371			
C Pat's Pump & Blower	7902	19-Oct-92	12-Nov-92	100520	Rebuild Gorman Rupp pump	1,517.92	371			
C Ellis K. Phelps	8158	30-Nov-92	15-Dec-92	100596	Plant LS Rehab - 10 HP Flygt pump	3,959.10	371	1992	8,775.82	
C Fla. Environmental Constr	121	31-Mar-93	02-Apr-93	100913	Lift Station # 11, equipment.	12,620.00	371			
C Pat's Pump & Blower	1413	18-May-93	20-May-93	100993	Rebuild 75 HP Spencer blower	6,031.93	371	1993	18,651.93	343,314.14
C Anes Construction	Contract	18-Dec-84			STP	79,917.10	380			
C Aries Construction	Contract	18-Dec-84			Effluent Pumping Station	59,772.80	380			
C B&B Steel Erectors	469	25-Apr-85			WWTP Initial Phase, .095 MGD, extra	3,480.00	380			
C Hughes Supply, Inc.	P O 31664	15-May-85	04-Oct-85	10199	Final pay STP - supplier	128.73	380			
C B&B Steel Erectors	484	22-May-85			WWTP Initial Phase, .095 MGD, extra	1,556.57	380			
C B&B Steel Erectors	1	10-Jul-85			WWTP II, to .350 MGD, Contract, part pay	8,590.50	380			
C B&B Steel Erectors	2	23-Jul-85			WWTP II, to .350 MGD, Contract, part pay	6,600.60	380			
C B&B Steel Erectors	3	25-Sep-85			WWTP II, to .350 MGD, Contract, part pay	34,870.27	380			
C B&B Steel Erectors	4	23-Oct-85			WWTP II, to .350 MGD, Contract, part pay	72,698.63	380			
C B&B Steel Erectors	509	20-Nov-85			WWTP II, to .350 MGD, extra	570.00	380			
C B&B Steel Erectors	5	20-Nov-85			WWTP II, to .350 MGD, Contract, part pay	3,240.00	380			
C B&B Steel Erectors	6	20-Nov-85			WWTP II, to .350 MGD, Contract, retention	14,000.00	380			
C B&B Steel Erectors	449	1985			WWTP Initial Phase, .095 MGD, Contract	25,425.00	380			
C B&B Steel Erectors	443	1985			WWTP Initial Phase, .095 MGD, Contract	10,800.00	380			
C B&B Steel Erectors	468	1985			WWTP Initial Phase, .095 MGD, Contract, part j	8,950.00	380			
C B&B Steel Erectors	—	1985			WWTP Initial Phase, .095 MGD, Contract, reten	8,805.00	380			
C B&B Steel Erectors	462	1985			WWTP Initial Phase, .095 MGD, Contract, part j	19,350.00	380			
C B&B Steel Erectors	457	1985			WWTP Initial Phase, .095 MGD, Contract, part j	23,670.00	380	1985	382,425.20	
E Commonwealth Engineering	697	24-Feb-86	14-Mar-86	10044	Services re WWTP, Phase I	128.75	380			
C Aries Construction	Contract	25-Mar-86			Percolation Ponds	36,818.00	380			
E Commonwealth Engineering	742	02-Apr-86	14-Apr-86	10053	Services re WWTF, Phase III	175.00	380			
C B&B Steel Erectors	532	24-Apr-86			WWTP - Transport 1 MGD tank; ref. 469	8,080.00	380			
E Commonwealth Engineering	996	21-May-86	16-Jun-86	10076	Services re WWTF, Phase 4	138.75	380			
E Commonwealth Engineering	995	21-May-86	16-Jun-86	10076	Services re WWTF, Phase III	362.00	380			
E Commonwealth Engineering	914	27-May-86	04-May-86	10070	Services re WWTF, Phase 4	446.25	380			
E Commonwealth Engineering	833	27-May-86	24-Apr-86	10070	Services re WWTF, Phase 4	292.50	380			
E Commonwealth Engineering	820	27-May-86	24-Apr-86	10070	Services re WWTF, Phase III	285.00	380			
E Commonwealth Engineering	1068	23-Jun-86	17-Sep-86	10120	Services re WWTF, Phase III	590.00	380			
E Commonwealth Engineering	1067	23-Jun-86	15-Jul-86	10090	Services re WWTF, Phase II	730.00	380			
E Commonwealth Engineering	1066	23-Jun-86	15-Jul-86	10090	Riverwood - Master Planning WWTP	806.25	380			
E Commonwealth Engineering	1085	24-Jun-86	25-Jul-86	10093	Alafaya Util. - Master Planning	457.00	380			
E Glace, Radcliffe	—	01-Jul-86	25-Jul-86	10095	Surveying re WWTP & effluent disposal site	644.00	380			
C Amrill	86-287	15-Jul-86	12-Aug-86	10104	6 Monitoring Wells	1,767.68	380			
E Commonwealth Engineering	1118	22-Jul-86	12-Aug-86	10102	Services re WWTF, Phase II	687.00	380			
E Commonwealth Engineering	1133	25-Jul-86	29-Jan-86	10216	Alafaya Util. - Master Planning	603.75	380			
C Amrill	86-315	31-Jul-86	27-Aug-86	10109	Labor, well development	225.00	380			
E Commonwealth Engineering	1174	19-Aug-86	11-Sep-86	10118	Services re WWTF, Phase II	748.75	380			
E Commonwealth Engineering	1207	20-Aug-86	11-Sep-86	10118	Alafaya Util. - Master Planning	1,123.75	380			
E Carlender	3469	25-Aug-86	11-Sep-86	10117	Engineering services re effluent disposal	2,805.00	380			
E Commonwealth Engineering	1286	19-Sep-86	10-Oct-86	10140	Alafaya Util. - Master Planning	761.25	380			
E Commonwealth Engineering	1268	19-Sep-86	10-Oct-86	10140	Services re WWTF, Phase II	436.50	380			

E Commonwealth Engineering	1269	19-Sep-86	10-Oct-86	10140 Services re WWTF, Phase III	306.25	380		
E Carlander	3511	22-Sep-86	10-Oct-86	10138 Engineering services re effluent disposal	2,050.00	380		
E Commonwealth Engineering	1326	09-Oct-86	20-Oct-86	10151 Services re WWTF, Phase III	298.75	380		
E Carlander	3555	15-Oct-86	11-Nov-86	10168 Engineering services re effluent disposal	307.50	380		
E Carlander	3565	22-Oct-86	11-Nov-86	10168 Engineering services re effluent disposal	1,517.50	380		
E Carlander	3883	28-Oct-86	16-Nov-86	10163 Services re WWTF, Phase III	1,810.00	380		
E Carlander	3570	28-Oct-86	16-Nov-86	10163 Services re WWTF, Phase III	60.00	380		
E Carlander	3584	28-Oct-86	16-Nov-86	10163 Services re WWTF, Phase III	445.00	380		
E Commonwealth Engineering	1873	06-Nov-86	26-Nov-86	10174 Services re WWTF, Phase II	156.25	380		
E Commonwealth Engineering	1874	06-Nov-86	26-Nov-86	10174 Services re WWTF, Phase III	409.50	380		
E Commonwealth Engineering	1876	06-Nov-86	26-Nov-86	10174 Services re WWTF, Phase IV	116.25	380		
E Commonwealth Engineering	1891	13-Nov-86	11-Dec-86	10181 Alafaya Util. - Master Planning	297.50	380		
E Carlander	3622	24-Nov-86	02-Jan-87	10195 Services re WWTF, Phase III	160.00	380		
E Commonwealth Engineering	1929	08-Dec-86	02-Jan-87	10201 Services re WWTF, Phase II	197.50	380		
E Commonwealth Engineering	1930	08-Dec-86	02-Jan-87	10201 Services re WWTF, Phase III	362.50	380		
E Commonwealth Engineering	1931	08-Dec-86	02-Jan-87	10201 Services re WWTF, Phase IV	367.50	380		
E Commonwealth Engineering	1946	11-Dec-86	29-Jan-86	10216 Alafaya Util. - Master Planning	2,955.00	380		
C B&B Steel Erectors	570	1986		WWTP III, to 1.2 MGD, Contract, part pay	115,468.38	380		
C B&B Steel Erectors	565	1986		WWTP III, to 1.2 MGD, Contract, part pay	55,215.00	380		
C B&B Steel Erectors	552	1986		WWTP III, to 1.2 MGD, Contract, part pay	22,500.00	380	1986	264,112.56
E Commonwealth Engineering	2033	22-Jan-87	26-Feb-87	10232 Alafaya Util. - Master Planning	1,868.75	380		
E Commonwealth Engineering	2072	10-Feb-87	26-Feb-87	10232 Services re WWTF, Phase III	321.50	380		
E Commonwealth Engineering	2017	11-Feb-87	11-Feb-87	10228 Services re WWTF, Phase II	225.00	380		
E Commonwealth Engineering	2018	11-Feb-87	11-Feb-87	10228 Services re WWTF, Phase III	128.75	380		
E Commonwealth Engineering	2090	12-Feb-87	11-Mar-87	10243 Alafaya Util. - Master Planning	3,518.75	380		
E Commonwealth Engineering	2138	26-Feb-87	19-Mar-87	10252 Services re WWTF, Phase II	337.50	380		
E Commonwealth Engineering	2139	26-Feb-87	19-Mar-87	10252 Services re WWTF, Phase III	395.00	380		
E Commonwealth Engineering	2144	26-Feb-87	19-Mar-87	10252 Alafaya Util. - Golf Course Disposal	903.75	380		
E Commonwealth Engineering	2140	26-Feb-87	19-Mar-87	10252 Services re WWTF, Phase IV	2,879.50	380		
E Commonwealth Engineering	2142	26-Feb-87	19-Mar-87	10252 Alafaya Util. - Master Planning	216.00	380		
E Commonwealth Engineering	2145	26-Feb-87	19-Mar-87	10252 Alafaya Util. - Res. Disp. System	3,605.19	380		
E Commonwealth Engineering	2152	28-Feb-87	19-Mar-87	10252 Services re WWTF, Phase IV	4,467.50	380		
E Carlander	3795	20-Mar-87	13-Apr-87	10265 Services re WWTF, Phase II, III, effl. disp.	60.00	380		
E Commonwealth Engineering	2223	25-Mar-87	13-Apr-87	10264 Services re WWTF, Phase III	437.50	380		
E Commonwealth Engineering	2222	25-Mar-87	13-Apr-87	10264 Services re WWTF, Phase II	253.25	380		
E Commonwealth Engineering	2224	25-Mar-87	13-Apr-87	10264 Services re Effluent Pond Disp. System	3,551.25	380		
E Commonwealth Engineering	2232	25-Mar-87	13-Apr-87	10264 Alafaya Util. - Master Planning	415.00	380		
E Commonwealth Engineering	2233	25-Mar-87	13-Apr-87	10264 Services re WWTF, Phase IV	1,527.00	380		
E Commonwealth Engineering	2237	25-Mar-87	13-Apr-87	10264 Alafaya Util. - Res. Disp. System	3,121.25	380		
E Commonwealth Engineering	2236	25-Mar-87	13-Apr-87	10264 Alafaya Util. - Golf Course Disposal	4,850.75	380		
E Carlander	3851	17-Apr-87	12-May-87	10285 Services re WWTP	100.00	380		
E Commonwealth Engineering	2314	23-Apr-87	12-May-87	10283 Alafaya Util. - Golf Course Disposal	7,786.25	380		
E Commonwealth Engineering	2312	23-Apr-87	12-May-87	10283 Services re WWTF, Phase IV	823.00	380		
E Commonwealth Engineering	2290	23-Apr-87	12-May-87	10283 Services re Effluent Pond Disp. System	2,588.89	380		
E Commonwealth Engineering	2288	23-Apr-87	12-May-87	10283 Services re WWTF, Phase II	101.25	380		
E Commonwealth Engineering	2289	23-Apr-87	12-May-87	10283 Services re WWTF, Phase III	198.25	380		
E Commonwealth Engineering	2315	23-Apr-87	12-May-87	10283 Alafaya Util. - Res. Disp. System	7,996.25	380		
E Commonwealth Engineering	2397	21-May-87	15-Jun-87	10306 Services re WWTF, Phase IV	222.50	380		
E Commonwealth Engineering	2433	21-May-87	15-Jun-87	10306 Alafaya Util. - Golf Course Disposal	23,668.38	380		
E Commonwealth Engineering	2374	21-May-87	15-Jun-87	10306 Services re Effluent Pond Disp. System	240.22	380		
E Commonwealth Engineering	2396	21-May-87	15-Jun-87	10306 Alafaya Util. - Misc. Services	274.83	380		
E Commonwealth Engineering	2373	21-May-87	15-Jun-87	10306 Services re WWTF, Phase III	228.75	380		
E Commonwealth Engineering	2399	21-May-87	15-Jun-87	10306 Alafaya Util. - Res. Disp. System	3,255.50	380		
C Blankenship	P.O 66505	01-Jun-87	15-Jun-87	10304 Spencer RBL-70 500 cfm Blower	1,732.50	380		
E Commonwealth Engineering	2476	18-Jun-87	14-Jul-87	10324 Services re WWTF, Phase IV	14,653.88	380		
E Commonwealth Engineering	2475	18-Jun-87	14-Jul-87	10324 Alafaya Util. - Master Planning	3,805.00	380		
E Commonwealth Engineering	2452	18-Jun-87	14-Jul-87	10324 Services re Effluent Pond Disp. System	147.16	380		
C Apex Roofing	R068757	30-Jun-87	09-Jul-87	10321 Spray polyurethane to tank	2,210.00	380		
E Commonwealth Engineering	2519	16-Jul-87	01-Sep-87	10352 Services re Effluent Pond Disp. System	89.60	380		
E Commonwealth Engineering	2537	16-Jul-87	01-Sep-87	10352 Services re WWTF, Phase IV	1,641.94	380		
E Commonwealth Engineering	2540	16-Jul-87	01-Sep-87	10352 Alafaya Util. - Golf Course Disposal	725.98	380		
E Commonwealth Engineering	2586	16-Jul-87	01-Sep-87	10352 Services re WWTF, Phase IV	920.00	380		
E Commonwealth Engineering	2590	16-Jul-87	01-Sep-87	10352 Alafaya Util. - Res. Disp. System	32.50	380		

E Commonwealth Engineering	2570	16-Jul-87	01-Sep-87	10352 Services re Effluent Pond Disp. System	133.75	380		
E Commonwealth Engineering	2589	16-Jul-87	01-Sep-87	10352 Alafaya Util. - Golf Course Disposal	7,215.35	380		
E Commonwealth Engineering	2643	31-Jul-87	14-Oct-87	10390 Sales Tax on Inv. 2589 re Golf Course Disp	360.77	380		
E Commonwealth Engineering	2640	31-Jul-87	14-Oct-87	10390 Sales Tax on Inv. 2586 re WWTF, Phase IV	46.00	380		
E Commonwealth Engineering	2624	31-Jul-87	14-Oct-87	10390 Sales Tax on Inv. 2570 re Effl. Pond Disp. Sys.	6.69	380		
E Commonwealth Engineering	2644	31-Jul-87	14-Oct-87	10390 Sales Tax on Inv. 2590 re Res. Disp System	1.63	380		
E Commonwealth Engineering	2712	14-Aug-87	14-Sep-87	10359 Alafaya Util. - Res Disp System	204.38	380		
E Commonwealth Engineering	2711	14-Aug-87	14-Sep-87	10359 Alafaya Util. - Golf Course Disposal	18,464.10	380		
E Commonwealth Engineering	2709	14-Aug-87	14-Sep-87	10359 Services re WWTF, Phase IV	7,890.87	380		
E Commonwealth Engineering	2708	14-Aug-87	14-Sep-87	10359 Alafaya Util. - Master Planning	1,339.54	380		
E Commonwealth Engineering	2773	11-Sep-87	29-Oct-87	10398 Alafaya Utilities - re Twin Rivers - Env. Eng	493.50	380		
E Commonwealth Engineering	2754	11-Sep-87	29-Oct-87	10398 Services re WWTF, Phase III	39.38	380		
E Commonwealth Engineering	2787	11-Sep-87	29-Oct-87	10398 Alafaya Util. - Res. Disp. System	604.22	380		
E Commonwealth Engineering	2782	11-Sep-87	29-Oct-87	10398 Services re WWTF, Phase IV	7,533.75	380		
E Commonwealth Engineering	2785	11-Sep-87	29-Oct-87	10398 Services re Effluent Pond Disp. System	484.60	380		
E Commonwealth Engineering	2781	11-Sep-87	29-Oct-87	10398 Alafaya Util. - Master Planning	2,273.70	380		
E Commonwealth Engineering	2788	11-Sep-87	29-Oct-87	10398 Alafaya Util. - Golf Course Disposal	2,023.95	380		
E Commonwealth Engineering	2874	09-Oct-87	29-Oct-87	10398 Services re Effluent Pond Disp. System	1,748.10	380		
E Commonwealth Engineering	2844	09-Oct-87	29-Oct-87	10398 Services re WWTF, Phase III	17.61	380		
E Commonwealth Engineering	2871	09-Oct-87	29-Oct-87	10398 Alafaya Utilities - Misc. re elec. for WWTP	316.86	380		
E Commonwealth Engineering	2876	09-Oct-87	29-Oct-87	10398 Alafaya Util. - Golf Course Disposal	1,758.37	380		
E Commonwealth Engineering	2873	09-Oct-87	29-Oct-87	10398 Services re WWTF, Phase IV	5,297.12	380		
E Commonwealth Engineering	2863	09-Oct-87	29-Oct-87	10398 Alafaya Utilities - re Twin Rivers - Env. Eng.	2,028.84	380		
E Commonwealth Engineering	2872	09-Oct-87	29-Oct-87	10398 Alafaya Util. - Master Planning	3,051.56	380		
E Commonwealth Engineering	2966	06-Nov-87	24-Nov-87	10424 Alafaya Util. - Misc. - Appr. grease trap, review	206.06	380		
E Commonwealth Engineering	2967	06-Nov-87	24-Nov-87	10424 groundwater monitoring	947.50	380		
E Commonwealth Engineering	2968	06-Nov-87	24-Nov-87	10424 Alafaya Util. - Master Planning	947.50	380		
E Commonwealth Engineering	2968	06-Nov-87	24-Nov-87	10424 Services re WWTF, Phase IV	1,493.10	380		
E Commonwealth Engineering	2971	06-Nov-87	24-Nov-87	10424 Services re Effluent Pond Disp. System	329.98	380		
E Commonwealth Engineering	2973	06-Nov-87	24-Nov-87	10424 Alafaya Util. - Golf Course Disposal	8,307.81	380		
E Commonwealth Engineering	3057	04-Dec-87	06-Jan-88	10465 Services re WWTF, Phase IV	9,282.27	380		
E Commonwealth Engineering	3056	04-Dec-87	06-Jan-88	10465 Alafaya Util. - Master Planning	638.16	380		
E Commonwealth Engineering	3060	04-Dec-87	06-Jan-88	10465 Alafaya Util. - Golf Course Disposal	13.73	380		
C B&B Steel Erectors	598	1987	15-Dec-87	10434 WWTP III, to 1.2 MGD, Contract balance	3,137.32	380		
C B&B Steel Erectors	598	1987		WWTP III, to 1.2 MGD, Contract, part pay	47,686.27	380		
C B&B Steel Erectors	590	1987		WWTP III, to 1.2 MGD, Contract, part pay	132,070.30	380		
C B&B Steel Erectors	575	1987		WWTP III, to 1.2 MGD, Contract, part pay	36,475.20	380		
C B&B Steel Erectors	584	1987		WWTP III, to 1.2 MGD, Contract, part pay	58,672.53	380		
C B&B Steel Erectors	596	1987		WWTP III, to 1.2 MGD, Contract, part pay	7,150.00	380		
C B&B Steel Erectors	597	1987		WWTP III, to 1.2 MGD, Contract, part pay	8,775.00	380	1987	485,045.69
E Commonwealth Engineering	3135	05-Jan-88	27-Jan-88	10483 Alafaya Util. - Misc. - Review conn. as-built; legal	205.12	380		
E Commonwealth Engineering	3137	05-Jan-88	27-Jan-88	10483 descrp for WWTP	205.12	380		
E Commonwealth Engineering	3140	05-Jan-88	27-Jan-88	10483 Services re WWTF, Phase IV	1,219.85	380		
E Commonwealth Engineering	3136	05-Jan-88	27-Jan-88	10483 Services re Effluent Pond Disp. System	357.58	380		
E Commonwealth Engineering	3141	05-Jan-88	27-Jan-88	10483 Alafaya Util. - Master Planning	386.55	380		
E Commonwealth Engineering	3141	05-Jan-88	27-Jan-88	10483 Alafaya Util. - Golf Course Disposal	3,174.68	380		
E Commonwealth Engineering	3217	22-Jan-88	13-Jun-88	10623 Alafaya Util. - Misc. - Ground water monitoring forveffl. disp.; Certificate of completion for sewer system;	1,778.55	380		
E Commonwealth Engineering	3224	22-Jan-88	12-May-88	10623 permits for school	1,778.55	380		
E Commonwealth Engineering	3219	22-Jan-88	24-Feb-88	10600 Alafaya Util. - Golf Course Disposal	997.84	380		
E Commonwealth Engineering	3220	22-Jan-88	24-Feb-88	10509 Alafaya Util. - Master Planning	607.48	380		
E Jacksonville Engr & Testing	11498	29-Jan-88	24-Feb-88	10509 Services re WWTF, Phase IV	70.20	380		
E Commonwealth Engineering	3293	19-Feb-88	28-Mar-88	10511 Soil testing - STP	140.00	380		
E Commonwealth Engineering	3292	19-Feb-88	28-Mar-88	10549 Alafaya Util. - Master Planning	408.75	380		
E Commonwealth Engineering	3296	19-Feb-88	28-Mar-88	10549 Alafaya Util. - Misc. - Certificate of completion for sewer system.	987.44	380		
E Commonwealth Engineering	3297	19-Feb-88	28-Mar-88	10549 Services re Effluent Pond Disp. System	102.76	380		
E Commonwealth Engineering	3294	19-Feb-88	28-Mar-88	10549 Alafaya Util. - Res Disp System	803.75	380		
E Commonwealth Engineering	3298	19-Feb-88	28-Mar-88	10549 Services re WWTF, Phase IV	786.25	380		
E Commonwealth Engineering	3378	18-Mar-88	13-Apr-88	10549 Alafaya Util. - Golf Course Disposal	1,933.01	380		
E Commonwealth Engineering	3375	18-Mar-88	13-Apr-88	10576 Services re Effluent Pond Disp. System	166.96	380		
E Commonwealth Engineering	3374	18-Mar-88	13-Apr-88	10576 Services re WWTF, Phase IV	228.80	380		
E Commonwealth Engineering	3374	18-Mar-88	13-Apr-88	10576 Alafaya Util. - Misc. - Certificate of completion for sewer system; permits for WWTP, ponds; flows for 419 service center.	659.89	380		

E Commonwealth Engineering	3380	18-Mar-88	13-Apr-88	10576 Alafaya Util - Golf Course Disposal	1,490.67	380		
C Foote Steel	P O. 68066	14-Apr-88	13-Apr-88	10577 Structural Steel for STP	3,854.00	380		
E Commonwealth Engineering	3456	15-Apr-88	12-May-88	10600 Services re Effluent Pond Disp. System	734.50	380		
E Commonwealth Engineering	3454	15-Apr-88	12-May-88	10600 Services re WWTF, Phase IV	285.99	380		
E Commonwealth Engineering	3528	13-May-88	13-Jun-88	10623 Services re Effluent Pond Disp. System	63.98	380		
C B&B Steel Erectors	680	24-May-88		WWTP - final hook-up	32,190.98	380		
E Jacksonville Engr & Testing	11785	31-May-88	28-Jun-88	10645 Soil testing - extension north basin	375.00	380		
E Commonwealth Engineering	3566	10-Jun-88	13-Jul-88	10655 Services re Effluent Pond Disp. System	288.35	380		
E Commonwealth Engineering	3589	10-Jun-88	26-Aug-88	10700 Engineering services re effluent disposal	3,249.40	380		
E Commonwealth Engineering	3593	10-Jun-88	13-Jul-88	10655 Trial Reuse System	9,373.73	380		
C B&B Steel Erectors	682	23-Jun-88		WWTP - final hook-up	5,205.75	380		
E Jacksonville Engr & Testing	11827	30-Jun-88	10-Aug-88	10680 Soil testing - effluent ponds	530.00	380		
E Commonwealth Engineering	3648	08-Jul-88	10-Aug-88	10677 Services re WWTF, Phase IV	263.88	380		
E Commonwealth Engineering	3586	08-Jul-88	10-Aug-88	Alafaya Util. - Misc. - L.S. startup; sanitary sewer inspection; laundry connection.	845.96	380		
E Commonwealth Engineering	3656	08-Jul-88	10-Aug-88	10677 Trial Reuse System	13,873.53	380		
E Commonwealth Engineering	3646	08-Jul-88	10-Aug-88	Alafaya Util. - Misc. - Power coord; san. sewer insp.;				
E Commonwealth Engineering	3652	08-Jul-88	10-Aug-88	10677 F.M leak calc; eff. disp. mon.; DER certs.	1,099.09	380		
C Amdrill	88-461	15-Jul-88	14-Nov-86	10677 Alafaya Utilities - re flow study	516.28	380		
E Commonwealth Engineering	3718	05-Aug-88	14-Sep-88	10758 10 Monitoring Wells	4,050.00	380		
E Commonwealth Engineering	3694	05-Aug-88	03-Oct-88	10709 Trial Reuse System	3,025.01	380		
E Commonwealth Engineering	3717	05-Aug-88	14-Sep-88	10723 Engineering services re effluent disposal	137.50	380		
E Commonwealth Engineering	3712	05-Aug-88	14-Sep-88	10709 Alafaya Util - Golf Course Disposal	2,257.31	380		
E Commonwealth Engineering	3785	02-Sep-88	13-Oct-88	10709 Alafaya Util. re WWTP	6,147.45	380		
E Commonwealth Engineering	3763	02-Sep-88	28-Sep-88	10728 Trial Reuse System	211.26	380		
E Commonwealth Engineering	3780	02-Sep-88	13-Oct-88	10716 Engineering services re effluent disposal	128.75	380		
E Commonwealth Engineering	3783	02-Sep-88	13-Oct-88	10728 Services re WWTF, Phase IV	124.49	380		
E Commonwealth Engineering	3782	02-Sep-88	13-Oct-88	10728 Alafaya Utilities - re cost studies	1,611.52	380		
E Commonwealth Engineering	3762	02-Sep-88	13-Oct-88	10728 Alafaya Utilities - re flow study	839.20	380		
E Commonwealth Engineering	3846	30-Sep-88	14-Nov-88	10728 Services re WWTF, Phase III	45.57	380		
E Commonwealth Engineering	3851	30-Sep-88	14-Nov-88	10762 Alafaya Util. re WWTP	318.10	380		
E Commonwealth Engineering	3829	30-Sep-88	14-Nov-88	10762 Trial Reuse System	843.26	380		
E Commonwealth Engineering	3828	30-Sep-88	14-Nov-88	10762 Services re Effluent Pond Disp. System	1,003.04	380		
E Commonwealth Engineering	3845	30-Sep-88	14-Nov-88	10762 Services re WWTF, Phase III	551.01	380		
E Commonwealth Engineering	3893	28-Oct-88	13-Dec-88	10762 Services re WWTF, Phase IV	77.15	380		
E Commonwealth Engineering	3909	28-Oct-88	13-Dec-88	10787 Services re Effluent Pond Disp. System	181.25	380		
C B&B Steel Erectors	Contract	01-Nov-88	15-Dec-89	10787 Services re WWTF, Phase IV	1,087.41	380		
E Commonwealth Engineering	3966	25-Nov-88	13-Jan-88	100113 WWTP IV, expand to 2.4 MGD	940,000.00	380		
E Commonwealth Engineering	4019	25-Nov-88	13-Jan-88	10803 Services re WWTF, Phase IV	196.89	380		
E Commonwealth Engineering	3965	25-Nov-88	13-Jan-88	10803 Alafaya Util. re WWTP	295.55	380		
E Commonwealth Engineering	3955	25-Nov-88	13-Jan-88	Alafaya Util. - Misc. - Ground water mon. coord.;				
E Commonwealth Engineering	3954	25-Nov-88	13-Jan-88	10803 irrigation concerns & flows.	3,369.62	380		
E Commonwealth Engineering	4045	23-Dec-88	13-Feb-89	10803 Services re Effluent Pond Disp. System	705.86	380		
E Commonwealth Engineering	4049	23-Dec-88	13-Feb-89	10803 Services re WWTF, Phase III	570.83	380		
E Jacksonville Engr & Testing	12214	30-Dec-88	13-Feb-89	10841 Services re WWTF, Phase IV	212.47	380		
C Fore Golf	683	1988		10841 Alafaya Util - Golf Course Disposal	1,269.06	380		
C Fore Golf	669	1988		10844 Soil testing - extension	250.00	380		
C Palmer Electric	30420	1988	23-Jun-88	Effluent disposal portion of golf course	144,720.54	380		
E Jacksonville Engr & Testing	1026	06-Jan-89	13-Feb-89	Effluent disposal portion of golf course	112,626.00	380		
C Fore Golf	P O 69495	03-Feb-89		10629 Electric for STP Phase IV, Release of Lien	36,000.00	380	1988	1,352,112.65
E Commonwealth Engineering	4118	23-Feb-89	14-Mar-89	10844 Soil testing - extension	1,612.50	380		
E Commonwealth Engineering	4168	23-Feb-89	14-Mar-89	10872 Effluent disposal portion of golf course	160,175.40	380		
E Commonwealth Engineering	4190	23-Feb-89	14-Mar-89	10872 Services re WWTF, Phase IV	499.46	380		
E Commonwealth Engineering	4188	23-Feb-89	14-Mar-89	10872 Services re WWTF, Phase III	43.75	380		
E Commonwealth Engineering	4196	23-Feb-89	14-Mar-89	10872 Services re WWTF, Phase IV	318.91	380		
E Commonwealth Engineering	4188	23-Feb-89	14-Mar-89	Alafaya Util - Misc - Certifications & permitting, coll & reuse	2,781.09	380		
E Commonwealth Engineering	4196	23-Feb-89	14-Mar-89	10872 Golf course easements & holding pond	280.97	380		
E Commonwealth Engineering	4116	23-Feb-89	14-Mar-89	Alafaya Util. - Misc. - Certifications & inspections, coll. & eff. disposal.	1,665.38	380		
C Blankenship	8919	01-Mar-89	13-Apr-89	10896 2 Samplers and assoc. parts	8,795.88	380		
C Fore Golf	P.O. 69552	09-Mar-89		Effluent disposal portion of golf course	128,545.10	380		
C Burch & Son	P.O 69567	14-Mar-89	14-Mar-89	10870 Haul clay for effluent disposal pond	6,305.00	380		
E Commonwealth Engineering	4246	24-Mar-89	13-Apr-89	10899 Alafaya Util - Misc - WWTF & effl disp op	622.54	380		

E	Commonwealth Engineering	4248	24-Mar-89	13-Apr-89	10899 Services re WWTF, Phase IV	385.54	380		
E	Commonwealth Engineering	4252	24-Mar-89	15-Jun-89	1058 Golf course effl. disp. const. admin.	440.70	380		
C	Burch & Son	P.O. 69627	03-Apr-89	13-Apr-89	10897 Complete hauling clay for effluent disposal pond Alafaya Util. - Misc. - Review road crossings, etc.	2,430.00	380		
E	Commonwealth Engineering	4308	21-Apr-89	15-Jun-89	1058 construction methods, drawings re effl. disp for golf course	1,355.89	380		
E	Commonwealth Engineering	4305	21-Apr-89	12-May-89	1025 Services re WWTF, Phase IV	229.07	380		
C	Blankenship	9078	21-Apr-89	15-Jun-89	1057 2 Samplers	1,272.00	380		
C	Dump Dispatch	P.O. 69746	26-Apr-89	12-May-89	Hauling of Type I Capping Material to Facilitate Maximum Effluent Disposal	7,254.00	380		
E	Commonwealth Engineering	4368	12-May-89	15-Jun-89	1058 Services re WWTF, Phase IV	354.18	380		
E	Commonwealth Engineering	4370	19-May-89	13-Jul-89	1095 Golf course effl. disp. const. admin.	1,205.62	380		
E	Commonwealth Engineering	4367	19-May-89	15-Jun-89	1058 Alafaya Util. - Misc. - Inspections, mon., sitings Hauling of Type I Capping Material to Facilitate	844.54	380		
C	Dump Dispatch	P.O. 69831	29-May-89	15-Jun-89	10945 Maximum Effluent Disposal	31,563.00	380		
E	Commonwealth Engineering	4422	16-Jun-89	22-Jul-89	10953 Services re effl. disp. river intakes & mon. @ golf course	50.50	380		
E	Commonwealth Engineering	4473	14-Jul-89	14-Aug-89	1121 Services re WWTF, Phase IV Alafaya Util. - Misc. - STP flow investigation, coord re effl.	32.50	380		
E	Commonwealth Engineering	4472	14-Jul-89	14-Aug-89	1121 reuse system	2,413.94	380		
E	Commonwealth Engineering	4474	14-Jul-89	14-Aug-89	1121 Golf course effl. disp. const. admin.	1,605.60	380		
E	Commonwealth Engineering	4534	11-Aug-89	18-Sep-89	10985 Alafaya Util. - Misc. - Reuse contracts & guidelines	3,973.59	380		
E	Commonwealth Engineering	4536	11-Aug-89	18-Sep-89	10985 Golf course effl. disp. const. admin.	369.00	380		
E	Commonwealth Engineering	4604	08-Sep-89	11-Oct-89	100046 Golf course effl. disp. const. admin.	960.02	380		
E	Commonwealth Engineering	4655	06-Oct-89	15-Nov-89	100079 Golf course effl. disp. const. admin.	878.88	380		
E	Commonwealth Engineering	4652	06-Oct-89	15-Nov-89	100079 Services re WWTF, Phase IV	87.50	380		
C	Fore Golf	P.O. 70324	10-Oct-89	11-Oct-89	100048 Utility portion of effluent disposal	155,986.92	380		
E	Commonwealth Engineering	4727	03-Nov-89	30-Nov-89	100100 Alafaya Util. - Master Planning	318.92	380		
E	Commonwealth Engineering	4729	03-Nov-89	30-Nov-89	100100 Golf course effl. disp. const. admin.	6,019.65	380		
E	Commonwealth Engineering	4726	03-Nov-89	30-Nov-89	100100 Services re WWTF, Phase IV	1,000.86	380		
E	Commonwealth Engineering	4725	03-Nov-89	13-Feb-90	100174 Alafaya Util. - Misc. - utility permitting	562.69	380		
E	Commonwealth Engineering	4795	24-Nov-89	15-Jan-90	100144 DER operating permit application	6,055.86	380		
E	Commonwealth Engineering	4796	24-Nov-89	15-Jan-90	100144 Golf course effl. disp. const. admin.	1,990.74	380		
E	Commonwealth Engineering	4793	01-Dec-89	29-Dec-89	100130 Alafaya Util. - Master Planning	2,543.64	380		
E	Commonwealth Engineering	4858	29-Dec-89	13-Feb-90	100174 Alafaya Util. - Master Planning	81.16	380		
E	Commonwealth Engineering	4861	29-Dec-89	13-Feb-90	100174 Golf course effl. disp. const. admin.	197.83	380		
E	Commonwealth Engineering	4860	29-Dec-89	13-Feb-90	100174 DER operating permit application	913.84	380		
C	Fore Golf	727	1989		Effluent disposal portion of golf course	6,926.40	380		
C	Joe K Matthews	1747	1989	23-May-89	1037 ???????	43,867.20	380		
C	Fore Golf	726	1989		Effluent disposal portion of golf course	312,423.40	380		
C	Fore Golf	700	1989		Effluent disposal portion of golf course	41,966.00	380		
C	Fore Golf	710	1989		Effluent disposal portion of golf course	174,620.52	380		
C	Fore Golf	700	1989		Effluent disposal portion of golf course	191,349.63	380	1989	1,316,177.31
C	FDER	—	22-Jan-90	22-Jan-90	11058 Operating Permit Application	1,000.00	380		
E	Commonwealth Engineering	4931	26-Jan-90	15-Mar-90	100203 Golf course effl. disp. const. admin.	248.75	380		
E	Commonwealth Engineering	4928	26-Jan-90	15-Mar-90	100203 Alafaya Util. - Misc. - utility permitting & monitoring	240.85	380		
E	Commonwealth Engineering	4929	26-Jan-90	15-Mar-90	100203 Alafaya Util. - Master Planning	301.68	380		
E	Commonwealth Engineering	4930	26-Jan-90	15-Mar-90	100203 DER operating permit application	1,005.00	380		
E	Commonwealth Engineering	4994	22-Feb-90	15-Mar-90	100203 Golf course effl. disp. const. admin.	330.35	380		
E	Commonwealth Engineering	4991	22-Feb-90	15-Mar-90	100203 Alafaya Util. - Master Planning	143.25	380		
E	Commonwealth Engineering	4993	22-Feb-90	15-Mar-90	100203 DER operating permit application	634.37	380		
E	Commonwealth Engineering	5058	23-Mar-90	15-Apr-90	100238 Alafaya Util. - Misc. - layouts, drawings, etc.	638.39	380		
E	Commonwealth Engineering	5061	23-Mar-90	15-Apr-90	100238 DER operating permit application Alafaya Util. - Misc. - re water to WWTP site, sewer	75.00	380		
E	Commonwealth Engineering	5193	18-May-90	13-Jun-90	100291 layout info.	1,046.18	380		
E	Commonwealth Engineering	5194	18-May-90	13-Jun-90	100291 Services re WWTF, Phase IV	712.97	380		
C	B&B Steel Erectors	760	24-May-90	13-Aug-90	100348 Modify Surge Tank Panet, etc.	14,723.50	380		
C	Blankenship	10468	07-Jun-90	17-Sep-90	100382 LP-31 10" flowmeter & extension	1,177.12	380		
C	Blankenship	10496	14-Jun-90	13-Jul-90	100321 1 - 2 HP . 3450 rpm, 1ph motor	338.46	380		
C	Blankenship	10543	14-Jun-90	17-Sep-90	100382 labor to install LP-31 (p/o invoice)	315.00	380		
E	Commonwealth Engineering	5262	15-Jun-90	13-Jul-90	100323 Alafaya Util. - Misc. - re expansion, as-builts, etc.	1,397.85	380		
E	Commonwealth Engineering	5263	15-Jun-90	13-Jul-90	100323 DER operating permit application	1,022.90	380		
E	Commonwealth Engineering	5341	13-Jul-90	13-Aug-90	100351 Services re WWTF, Phase IV	562.35	380		
C	Blankenship	10602	13-Jul-90	17-Sep-90	100382 LP-31 10" flowmeter	889.62	380		
E	Commonwealth Engineering	5340	13-Jul-90	13-Aug-90	100351 Alafaya Util. - Misc. - re expansion & L.S. op.	333.75	380		
E	Commonwealth Engineering	5509	07-Sep-90	16-Oct-90	100418 Alafaya Util. - Misc.	581.14	380		

E Commonwealth Engineering	5627	01-Oct-90	15-Nov-90	100434	Alafaya Util. - Misc. - re as-builts, effl. disp.m'n.	148.30	380		
E Commonwealth Engineering	5696	26-Oct-90	15-Jan-91	100491	Alafaya Util. - Misc. - re coll. conn.; holding pond.	681.20	380		
C B&B Steel Erectors	788	27-Nov-90	15-Jan-91	100489	Strengthen Tank Wall	400.00	380		
E Commonwealth Engineering	5823	27-Nov-90	14-Dec-90	100467	Alafaya Util - Misc - re WWTF IV, op permit, coll conn	406.25	380		
E Commonwealth Engineering	5891	31-Dec-90	13-Feb-91	100515	Alafaya Util - Misc	1,290.35	380	1990	30,644.58
E Commonwealth Engineering	5937	21-Jan-91	15-Mar-91	100538	Services re WWTF, Phase IV	60.00	380		
E Commonwealth Engineering	5949	29-Jan-91	15-Mar-91	100537	Alafaya Util - Misc re capacity revision	1,378.75	380		
E Commonwealth Engineering	6034	26-Feb-91	15-Apr-91	100571	Alafaya Util - Misc. re WWTF IV	444.56	380		
E Commonwealth Engineering	6123	26-Mar-91	06-May-91	100607	Alafaya Util - Misc. re L F startup & golf course effl disp sys	2,571.42	380		
E Commonwealth Engineering	6390	14-Jun-91	03-Jul-91	100715	Alafaya Util. - Misc. re permits	46.25	380		
E Commonwealth Engineering	6525	09-Aug-91	04-Oct-91	200057	Alafaya Util. - Misc. re perc. ponds	605.00	380		
E Commonwealth Engineering	6627	06-Sep-91	04-Oct-91	200057	Alafaya Util. - Misc. re perc. ponds	1,698.50	380	1991	6,804.48
C Cole-Parmer	1284385	16-Jul-92	05-Aug-92	100273	Water level indicator	374.11	380		
C B&B Steel Erectors	849	21-Jul-92	05-Aug-92	100268	Reinforce Wall in Digester	3,050.00	380		
C Blankenship	663	25-Sep-92	15-Oct-92	100462	2 - Honeywell 4-20MA chart recorders	3,568.97	380		
C Isco, Inc.	580809	30-Oct-92	18-Nov-92	100532	Compressor, AE1343A	251.62	380		
C Isco, Inc.	582021	18-Nov-92	09-Dec-92	100587	Compressor, AE1343A	225.32	380	1992	7,470.02
C Burch & Son	10418	15-Feb-93	23-Feb-93	100745	Constrct 1188 LF of berm	18,200.00	380		
E Hartman & Associates	9308500	31-Mar-93	14-Apr-93	100874	System Evaluation re Effl Disp Capacity	2,000.00	380		
E Hartman & Associates	9308501	31-Mar-93	14-Apr-93	100874	Financial Consulting Services	525.00	380		
E Geraghty & Miller	82522	15-Apr-93	18-May-93	100978	STP Site Assessment Report	2,760.00	380		
E Hartman & Associates	9308501	28-Apr-93	18-May-93	100980	Financial Consulting Services	3,147.50	380		
E Hartman & Associates	9308502	28-Apr-93	18-May-93	100980	System Evaluation	1,067.50	380		
E Geraghty & Miller	84738	19-May-93	04-Jun-93	101038	STP Site Assessment Report	1,840.00	380		
E Hartman & Associates	9308502	26-May-93	11-Jun-93	101050	System Evaluation	7,760.62	380		
E Hartman & Associates	9308501	26-May-93	11-Jun-93	101050	Financial Consulting Services	2,827.50	380		
E Hartman & Associates	9308502	23-Jun-93	08-Jul-93	101073	System Evaluation	2,098.45	380		
E Hartman & Associates	9308500	23-Jun-93	08-Jul-93	101073	System Evaluation re Effl. Disp. Capacity	14,560.00	380		
E Hartman & Associates	9308500	10-Aug-93	24-Sep-93	101212	System Evaluation re Effl. Disp Capacity	11,898.15	380		
E Hartman & Associates	9308500	15-Sep-93	22-Oct-93	101333	System Evaluation re Effl. Disp Capacity	12,455.00	380	1993	81,139.72 3,925,932.21

Total

4,990,573.22

4,990,573.22 4,990,573.22

Adjustments:

The following amounts are to be excluded because they will result in double counting if combined with the original cost estimates of the accounts indicated

Aries contracts for force mains	All 1986 contract work	360	1986	-80,937.50
Aries contracts for gravity mains	All 1986 contract work	361	1986	-14,145.00
Aries contracts for Lift Stations	All 1986 contract work	371	1986	-57,107.50
	Total Adj			-152,190.00