

State of Florida



**Public Service Commission**  
**-M-E-M-O-R-A-N-D-U-M-**

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**DATE:** June 29, 2005  
**TO:** Tampa District Office (Rohrbacher)  
**FROM:** Denise N. Vandiyer; Division of Regulatory Compliance and Consumer Assistance  
**RE:** Docket No. 050448-WU; Colonial Manor Utility Company; Audit Request: Determine Eligibility for Staff Assistance; Audit Control No. 05-180-2-1

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Complete the attached form for determining eligibility for staff assistance (Audit Control No. 05-180-2-1) and mail under a transmittal letter to Marshall Willis, Division of Economic Regulation, with a copy to me no later than July 20, 2005.

By copy of this memorandum, I request that Joe Rohrbacher be added to the CASR distribution list.

Attachment

cc: Office of Public Counsel  
Division of Commission Clerk and Administrative Services  
Division of Economic Regulation (Willis)

DOCUMENT NUMBER-DATE

06222 JUL -1 05

FPSC-COMMISSION CLERK

COMPANY NAME \_\_\_\_\_

DOCKET NO. \_\_\_\_\_

AUDITOR \_\_\_\_\_

SHORT FORM RATE CASE (Applicable to WAW Only)

PRELIMINARY AUDIT SCOPE

	<u>YES</u>	<u>NO</u>
(1) Does the utility have annual revenues of \$150,000 or less for each service provided or \$300,000 or less where the services are combined?		
(2) Were the applicant's books and records organized consistent with Rule 25-30.455, Florida Administrative Code, so as to allow Commission personnel to verify cost and other relevant factors within the 30-day time frame set out in the rule?		
(3) Is the utility current in its filing of annual reports? Date last report filed: _____		
(4) Is the utility current in its payment of applicable gross receipt tax or assessment fees? Date of last payment? _____ Amount? _____		
(5) Is the utility a subsidiary to a larger corporation? If yes - Name immediate parent. _____		
(6) Is the utility included in a consolidated Federal Income Tax return? If yes - name immediate parent. _____		
(7) Comments or other financial and accounting matters which came to the attention of the auditor during the review.		

050448-WV

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FLORIDA PUBLIC SERVICE COMMISSION

05 JUN 29 AM 11:04

APPLICATION FOR A  
STAFF ASSISTED RATE CASE

COMMISSION  
CLERK

I. General Data

A. Name of utility Colonial Manor Utility Company

B. Address P.O. Box 398, New Port Richey, FL 34656-0398

1. Telephone Nos. (727) 848-8292

2. County Pasco Nearest City New Port Richey

3. General area served New Port Richey - Holiday

C. Authority:

1. Water Certificate No. 153-W Date Received 9/11/73

2. Wastewater Certificate No. N/A Date Received \_\_\_\_\_

3. Date utility started operations: Water \_\_\_\_\_ Wastewater \_\_\_\_\_

D. How system was acquired Asset Purchase

If utility was purchased, give date 1/31/2004 Amount Paid 304,933.50

1. Name of Seller Floriano Properties, Inc.

2. Was seller affiliated with present owners? No

3. Did you purchase: Stock \_\_\_\_\_ or assets only X

E. Type of legal entity: Corporation, Partnership or Sole Proprietorship

Corporation

F. Ownership & Officers:

Name	Title	Percent Ownership
1. Gary Deremer	President	51
2. Cecil Delcher	Vice President	49
3.		
4.		

PSC/ECR 2 (Rev. 3/02)

RECEIVED  
FLORIDA PUBLIC SERVICE  
COMMISSION  
05 JUN 29 AM 10:30  
DIVISION OF  
ECONOMIC REGULATION

G. List of Associated Companies and Addresses:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

H. If you have retained an attorney and/or a consultant to represent the utility for this application, furnish the name(s) and address(es):

N/A

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Accounting Data

A. Outside Accountant

1. Name Jack Bailie
2. Firm J.S. Bailie, C.P.A.
3. Address 2153 Grand Blvd., Holiday, FL 34690
4. Telephone (727) 937-6650

B. Individual to contact on accounting matters:

1. Name Joe Gabay
2. Telephone (727) 848-8292 x 212

C. Location of books and records 4939 Cross Bayou Blvd., NPR, FL

D. Have you filed an Annual Report with the Commission? Yes

Date Last Filed 4/28/05

E. Has your latest semiannual regulatory assessment fee payment been made (January 30 or July 30 whichever is applicable)? Yes

F. Basic Rate Base Data (Most recent two years)

1. Water	2004	2003
Cost of Plant In Service:	\$ <u>396.453</u>	\$ <u>342.907</u>
Less Accumulated Depreciation:	<u>310.149</u>	<u>298.359</u>
Less Contributed Plant:	_____	_____
Net Owner's Investment:	\$ <u>86.304</u>	\$ <u>44.548</u>

2. Wastewater	2004	2003
Cost of Plant In Service:	\$ <u>N/A</u>	\$ <u>N/A</u>
Less Accumulated Depreciation:	<u>                    </u>	<u>                    </u>
Less Contributed Plant:	<u>                    </u>	<u>                    </u>
New Owner's Investment:	\$ <u>N/A</u>	\$ <u>N/A</u>

G. Basic Income Statement (Most recent two years):

1. Water	2004	2003
Revenues (By Class):		
a. <u>Residential</u>	\$ <u>154,227</u>	\$ <u>122,738.</u>
b. <u>Commercial</u>	<u>3,445</u>	<u>3,344</u>
c. <u>Other</u>	<u>2,982</u>	<u>625.</u>
Total Operating Revenues:	\$ <u>160,654</u>	\$ <u>127,707.</u>
Less Expenses:		
a. Salaries & Wages - Employees	<u>                    </u>	<u>                    </u>
b. Salaries & Wages - Officers, Directors, & Majority Stockholders	<u>24,000</u>	<u>                    </u>
c. Employee Pensions & Benefits	<u>                    </u>	<u>                    </u>
d. Purchased Water	<u>2,470</u>	<u>2,710</u>
e. Purchased Power	<u>5,150</u>	<u>5,449</u>
f. Fuel for Power Production	<u>                    </u>	<u>                    </u>
g. Chemicals	<u>1,722</u>	<u>1,489.</u>
h. Materials & Supplies	<u>8,077</u>	<u>667</u>
i. Contractual Services	<u>88,821.</u>	<u>84,219.</u>
j. Rents	<u>                    </u>	<u>2,801</u>
k. Transportation Expenses	<u>                    </u>	<u>8,609.</u>
l. Insurance Expense	<u>                    </u>	<u>5,498.</u>
m. Regulatory Commission Expense	<u>(6)</u>	<u>                    </u>
n. Bad Debt Expense	<u>63</u>	<u>                    </u>
o. Miscellaneous Expense	<u>3,285</u>	<u>32,904.</u>
p. Depreciation Expense	<u>11,790</u>	<u>10,367</u>
q. Property Taxes	<u>                    </u>	<u>                    </u>
r. Other Taxes	<u>8,488</u>	<u>7,772</u>
s. Income Taxes	<u>                    </u>	<u>                    </u>
Operating Income (Loss)	\$ <u>6,794.</u>	\$ <u>(34,778.)</u>

2.	Wastewater	2004	2003
	Revenues (By Class):		
a.	_____	N/A	N/A
b.	_____	_____	_____
c.	_____	_____	_____
	Total Operating Revenues:	\$ _____	\$ _____
	Less Expenses:		
a.	Salaries & Wages - Employees	\$ _____	\$ _____
b.	Salaries & Wages - Officers, Directors, & Majority Stockholders	_____	_____
c.	Employee Pensions & Benefits	_____	_____
d.	Purchased Wastewater Treatment	_____	_____
e.	Sludge Removal Expense	_____	_____
f.	Purchased Power	_____	_____
g.	Fuel for Power Production	_____	_____
h.	Chemicals	_____	_____
i.	Materials & Supplies	_____	_____
j.	Contractual Services	_____	_____
k.	Rents	_____	_____
l.	Transportation Expenses	_____	_____
m.	Insurance Expense	_____	_____
n.	Regulatory Commission Expense	_____	_____
o.	Bad Debt Expense	_____	_____
p.	Miscellaneous Expense	_____	_____
q.	Depreciation Expense	_____	_____
r.	Property Taxes	_____	_____
s.	Other Taxes	_____	_____
t.	Income Taxes	_____	_____
	Operating Income (Loss)	\$ N/A	\$ N/A

H. Outstanding Debt:

	<u>Creditor</u>	<u>Date Borrowed</u>	<u>Balance Due</u>	<u>Interest Rate</u>	<u>Expiration Date</u>
1.	Floralino	1/31/04	173,558.	7%	1/1/2009
2.	U.S. Water Service		152,000	N/A	Service Debt
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____

I. Indicate Type of Tax Return Filed:

- \_\_\_\_\_ Form 1120 - Corporation
- X Form 1120S - Subchapter S Corporation
- \_\_\_\_\_ Form 1065 - Partnership
- \_\_\_\_\_ Form 1040 - Schedule C - Individual (Proprietorship)

III. Engineering Data

A. Outside Engineering Consultant:

1. Name Mo Kader, P.E.
2. Firm U.S. Water Services Corp.
3. Address 4939 Cross Bayou Blvd. New Port Richey, FL
4. Telephone (727) 848-8292

B. Individual to contact on engineering matters:

1. Name Mo Kader, P.E.
2. Telephone (727) 848-8292

C. Is the utility under citation by the Department of Environmental Protection (DEP) or county health department? If yes, explain.

No

D. List any known service deficiencies and steps taken to remedy problems.

See Attached Capital Improvement Plan

E. Name of plant operator (s) and DEP operator certificate number (s) held.

U.S. Water Services Corporation - Contact Operators Provided.

F. Is the utility serving customers outside of its certificated area? No

If yes, explain \_\_\_\_\_

G. Wastewater: N/A

1. Gallons per day capacity of treatment facilities existing \_\_\_\_\_  
under construction \_\_\_\_\_ proposed \_\_\_\_\_
2. Type and make of present treatment facilities \_\_\_\_\_
3. Approximate average daily flow of treatment plant effluent \_\_\_\_\_
4. Approximate length of wastewater mains:  
Size (diameter) \_\_\_\_\_  
Linear feet \_\_\_\_\_
5. Number of manholes \_\_\_\_\_
6. Number of liftstations \_\_\_\_\_
7. How do you measure treatment plant effluent? \_\_\_\_\_

8. Is the treatment plant effluent chlorinated? \_\_\_\_\_ If yes, what is the normal dosage rate? \_\_\_\_\_
9. Tap in fees - Wastewater \$ \_\_\_\_\_
10. Service availability fees - Wastewater \$ \_\_\_\_\_
11. Note DEP Treatment Plant Certificate Number and date of expiration: Number \_\_\_\_\_  
Expiration Date \_\_\_\_\_
12. Total gallons treated during most recent twelve months \_\_\_\_\_
13. Wastewater treatment purchased during most recent twelve months \_\_\_\_\_

H. Water

1. Gallons per day capacity of treatment facilities existing 296,000 gpd currently  
construction \_\_\_\_\_ proposed \_\_\_\_\_ under
2. Type of treatment Chemical Feed
3. Approximate average daily flow of treated water 121,523 gpd 11-11/31/04
4. Source of water supply 5 Wells
5. Types of chemicals used and their normal dosage rates Chlorine Chemical
6. Number of wells in service 4 Total capacity in gallons per minute (gpm)
 

	#1	#2	#3	#4	#5
Diameter/Depth	120' / 120'	120' / 120'	120' / 120'	120' / 120'	120' / 120'
Motor horsepower	300	300	350	300	250
Pump capacity (gpm)	_____	_____	_____	_____	_____
7. Reservoirs and/or hydropneumatic tanks:
 

	#1	#2	#3	#4	#5
Description	Elevated Steel	EL. Steel	EL. Steel	EL. Steel	EL. Steel
Capacity	5,000	3,000	3,000	3,000	5,000
8. High service pumping: NONE

Motor horsepower \_\_\_\_\_  
Pump capacity (gpm) \_\_\_\_\_
9. How do you measure treatment plant production? Wells are metered prior to hydro tanks.
10. Approximate feet of water mains:
 

Size (diameter) 2", 4", 6" - multiple sizes.  
Linear feet \_\_\_\_\_
11. Note any fire flow requirements and imposing government agency  
PASCO County Fire Flow Requirements
12. Number of fire hydrants in service One



13. Do you have a meter change out program? Yes See Attached
14. Meter installation or tap in fees - Water \$ built out
15. Service availability fees - Water \$ built out
16. Has the existing treatment facility been approved by DEP? Yes
17. Total gallons pumped during most recent twelve months 44,355,760 1/1-12/1/04
18. Total gallons sold during most recent twelve months 40,554,000 1/1-12/1/04
19. Gallons unaccounted for during most recent twelve months 3,801,760 1/1-12/1/04
20. Gallons purchased during most recent twelve months Ø Stand by County Interconnect - None used

IV. Rate Data

A. Individual to contact on tariff matters:

1. Name Joe Gabay
2. Telephone Number (727) 848-8292

B. Schedule of present rates (Attach additional sheets if more space is needed):

1. Water:

- a. Residential Water 5/8" - Base 8.02 + 2.12 per 1000 gallons / 2.65 over 10K
- b. General Service 5/8" - Base 8.02 + 2.19 per 1000 gallons
- c. Special Contract 1" - Base 20.06 1 1/2" - Base 40.11
- d. Other \_\_\_\_\_

2. Wastewater:

- a. Residential Wastewater N/A
- b. General Service \_\_\_\_\_
- c. Special Contract \_\_\_\_\_
- d. Other \_\_\_\_\_

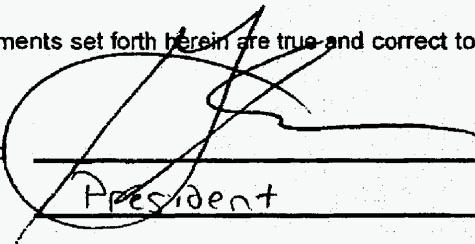
C. Number of Customers (Most recent two years):

	2004	2003
1. Water Metered		
a. Residential	<u>696</u>	<u>701</u>
b. General Service	<u>14</u>	<u>8</u>
c. Special Contract	_____	_____
d. Other - Specify	_____	_____
2. Water Unmetered		
a. Residential	<u>N/A</u>	_____
b. General Service	_____	_____
c. Special Contract	_____	_____
d. Other - Specify	_____	_____

3. Wastewater	20 <u>04</u>	20 <u>03</u>
a. Residential	N/A	N/A
b. General Service	_____	_____
c. Special Contract	_____	_____
d. Other - Specify	_____	_____

V. Affirmation

I, Gary Dereemer the undersigned owner, officer, or partner of the above named public utility, doing business in the State of Florida and subject to the control and jurisdiction of the Florida Public Service Commission, certify that the statements set forth herein are true and correct to the best of my information, knowledge and belief.

Signed  \_\_\_\_\_  
 Title President \_\_\_\_\_

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

# Capital Improvement Plan for the Colonial Manor Utility System

August 2004  
Revised  
February 2005

February 14, 2005

## Summary of Projects:

### I. Install fencing at all five well site locations:

#### **Project Description:**

The new fencing will consist of six foot chain link galvanized steel fencing with a double access gate for each water treatment plant site. The fence will enclose the well house, hydropneumatic tank and all above ground piping. Each well site will require between 150 to 200 LF of fencing materials.

#### **Project Justification:**

Well sites need to be more secure to protect the water supply. Additionally, the well buildings have experienced vandalism resulting from poor access control to the interior of the well houses. The situation is generating unnecessary liability exposure for the Utility. Adequate water treatment plant security is required by FDEP rules and regulations.

#### **Estimated Cost:**

\$8950.00

#### **Project Status:**

Two bids received – work awarded to CFK Fencing, Inc. - \$8,950.00. Work scheduled to start in December 2004 and to be completed in January 2005. The Utility will seek recovery in rates for this improvement project.

### II. Replace hydropneumatic tanks at Well numbers 2, 3 & 4.

#### **Project Description:**

The project consists of installing (3) new 3000 gallon hydropneumatic tanks and new steel saddles. Each tank will have an engineering certification of 100 psi working pressure. The tank will be coated with a Tnemec potable water epoxy coating on the interior and a five year paint coating for the exterior. The new system will be equipped with a pressure relief valve, all new piping and valves and a sight glass water level indicator.

#### **Project Justification:**

Engineering Analysis has determined by way of metal thickness testing that the hydropneumatic tanks are in need of replacement. Tanks have been patched a number of times

and will likely develop new leaks. Metal loss and fatigue can cause a dangerous situation to exist, resulting in possible explosion and catastrophic rupture of the tanks.

**Estimate Cost:**

\$46,000.00

**Project Status:**

Tank design is complete and tanks have been ordered from the manufacture. Work is expected to be completed in early 2005. This work has already been approved in current rates.

### III. Install auxiliary power generation at Well numbers 2 & 4.

**Project Description:**

The generators will be size to provide adequate power supply to operate the well pumps and all other appurtenances necessary for operating the water facility at full rated capacity. The generators will be housed in the existing well building and will be installed with an automatic transfer switch to provide uninterrupted power supply. The generators will utilize diesel fuel and be equipped with a secondary fuel containment vessel.

**Project Justification:**

System loss of power during recent hurricane events of 2004 caused a major disruption of potable water service. The Utility System has an interconnection with Pasco County; however the Pasco system also experienced interruptions of its service. Additionally, due to the county conversion to chloramines as a disinfectant, the interconnection will not be able to be utilized in the future, unless the Colonial Manor system converts to chloramine disinfection. The Colonial Manor water supply system has performed testing in accordance with the new disinfection by-product rules and it was determined that the system was compliant with the new requirements. Therefore, the system will continue to utilize free chlorine as a disinfectant. A cost comparison was also performed to determine if the Colonial Manor system should convert to chloramine disinfection solely as a means of cost saving thus avoiding the additional cost of auxiliary power construction. When the comparison was made between the cost of adding two generators to the cost of design and constructing a completely new disinfection system for all five wells, including all the necessary sophisticated controls and system analyzers, it was clear that the cost of the installation of auxiliary power generators would be a more useful and a prudent in investment for the Utility. Also, the added benefit of the generators in the time of an emergency event would provide for more system reliability and improved customer service.

**Estimated Cost:**

\$75,000.00 – assuming the generators can be installed in the existing well houses at well numbers 2 & 4.

**Project Status:**

Project is currently in the design and permitting stage, and scheduled for the construction in the middle of 2005 pending FPSC approval to recover the project cost in rates.

**IV. Miscellaneous building repairs at all five well houses.**

**Project Description:**

Repairs will include replacement of roofs, aluminum soffit and fascia, replacement of broken doors and windows, repair of concrete and building painting.

**Project Justification:**

Most buildings are twenty five to thirty years old and are in need of repair. Leaking roofs and windows have caused electrical control and equipment damage. The wells are located in existing residential communities and it is important to the Utility that the well houses general appearances are in accordance with the communities, deed restrictions and Pasco County standards. It is equally important to the Utility to provide good public perception and customer relations, and that the building repairs are prudent and warranted.

**Project Cost:**

\$22,500.00 - \$26,000.00

**Project Status:**

Some estimates have been received by the Utility for roof and window repairs. Project is underway and should be completed in early 2005. The Utility will seek recovery in rates for these repairs.

**V. Engineering study to evaluate Nitrate Exceedance**

**Project Description:**

The study will determine the most likely cause of the nitrate exceedance in Well # 1. The study will provide an outline of treatment alternatives and develop cost estimates for implementation. Additionally, the study will perform preliminary investigations into abandonment of Well # 1 and to obtain replacement of water capacity elsewhere.

**Project Justification:**

During the 3<sup>rd</sup> & 4<sup>th</sup> quarter of 2004 Well number 1 has exceeded the maximum contamination level (MCL) for Nitrate, a preliminary standard. The project will evaluate and study treatment and source water alternatives and is necessary to ensure adequate water supply is available for the customers of the Utility.

**Project Cost:**

\$7,500.00

**Project Status:**

Project is underway and should be completed in mid 2005. Recommendations could include the construction of a treatment system or addition of added source water through other means. The Utility will seek recovery of all these cost in future rates.

**VI. Water main valves and fire hydrant replacements**

**Project Description:**

The Utility has undergone a valve location and exercising program. It has been determined that approximately fifty-five valves and thirteen fire hydrants are in need of replacement. The valves range in size for 2" to 6" diameter and many are located in the rear easement. This rear easement restricts access for excavation equipment and requires all excavation to be preformed by hand digging. All the new valves will meet AWWA requirements and be of the resilient wedge variety. Each valve will have a cast iron valve box and be located on the AutoCAD mapping. The fire hydrants will also meet AWWA standards for wet barrel hydrants and be installed in the original design locations.

**Project Justification:**

Most of this infrastructure is in excess of thirty-five years old and no longer operable. This improvement is necessary to return the system operation to its original design and to provide for a more efficient functioning water distribution system. This improvement will also increase the level of customer service by allowing the Utility to isolate smaller areas in the event of system repairs. Additionally, the Utility has entered all the information on the distribution system in AutoCAD format for future reference. The Utility believes this improvement is necessary and a prudent investment for the customers. The utility will seek recovery of these expenses in rates.

**Project Cost:**

\$60,000.00 - \$75,000.00

**Project Status:**

Project is underway and expected to be completed in late 2005.

**VII. Initiate operator of Well number 5.**

**Project Description:**

The project consists of installing new well controls, valving, metering, hydropneumatic tank and piping to facilitate the operation of the well. The well will be tested for all FDEP requirements including a 20 day micro-bacteriological testing.

**Project Justification:**

The addition of Well number 5 would provide improved fire flow for the community and will add to the overall system reliability. This would also improve the water pressure in the southeast portion of the distribution system. As previously discussed in project number V, above, Well # 1 may need to be modified or abandoned which would further necessitate the need for Well # 5 to be online. The Utility believes this project to be prudent and to be in the best interest of the customers. The Utility will be seeking recovery of these costs in rates.

**Project Cost:**

\$26,000.00

**Project Status:**

Project is underway and scheduled for completion in the late of 2005.

**VIII. Perform system wide hydraulic analysis of distribution system.**

**Project Description:**

The project consists of performing various field work and computer modeling to determine the existing hydraulic carrying capacity of the deteriorated water mains identified during the valve replacement project. The study will also provide an engineers cost estimate, including various construction alternatives for the required work.

**Project Justification:**

The project involves the Engineering analysis to identify system deference's with respect to flow and pressure. During installation of numerous new 2" water main valves, as previously outlined in Number VI, it was determined that many of the galvanized steel water mains contained heavy tuberculation. This tuberculation is causing significant flow restrictions in certain areas of the distribution system. We estimate that some of the water mains are flowing at less than fifty percent of their original hydraulic capacity. The project is intended to fully identify the deteriorated areas and to provide a planned and phased replacement of the affected water mains. This project is necessary to provide continuous service to the customers in the affected areas. Failure to move forward with the replacement of the water mains will eventually result in catastrophic system failure and the Utilities inability to provide potable water to the systems customers. The utility believes this project to be necessary and a prudent investment for the customers.

**Estimated Cost:**

Engineering Component \$ 14,500.00

**Project Status:**

Engineering study is underway and should be completed in late 2005 in conjunction with the valve and fire hydrant renovation project.

Project Number	Project Description	Project Cost
Number I	Six foot chain link galvanized steel fencing, double access gate, enclosure of well house, hydropneumatic tank & above ground piping, and 150 - 200 LF of fencing for each site.	\$8,950.00
Number II	Engineering certification of 100 psi working pressure, Tnemec potable water epoxy coating on the interior and a five year paint coating on the exterior for the 3 new 300 gallon hydropneumatic tanks and new steel saddles. New system will be equipped with a pressure relief valve, new piping and valves and a sight glass water level indicator.	\$46,000.00
Number III	Generators will be sized for power supply and operation at full rate. Generators will be housed in existing building, have automatic transfer switch for power supply installed, use diesel fuel and a secondary fuel vessel.	\$75,000.00
Number IV	Repairs to roof, aluminum soffit and fascia, building paint and concrete. Replacement of broken doors and windows.	\$22,500.00 - \$26,000.00
Number V	Study will determine cause of Nitrate exceedance in Well number 1 and will provide treatment options and cost estimates. Study will also provide preliminary investigation of abandonment and obtain replacement capacity elsewhere.	\$7,500.00
Number VI	Forty valves and three fire hydrants need to be replaced. Valves ranging in size of 2" - 6" in diameter, most located in rear easement with restricted access. All valves and fire hydrants meet AWWA requirements. Valves will be the resilient wedge variety and the fire hydrants will be wet barrel. They are to be installed in original design locations.	\$60,000.00 - \$75,000.00
Number VII	Installation of new well controls, valving, metering hydropneumatic tanks and piping. Well will be tested for FDEP and a twenty day micro bacteriological test.	\$26,000.00
Number VIII	Performing various field work and computer modeling to determine hydraulic capacity of deteriorated water mains during valve replacement.	\$14,500.00

TOTAL \$278,950.00