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BEFORE THE ARIZONA CORPORATION COMMISSION

RECEIVED

2009 JUN 25 A 11: 52

COMMISSIONERS

KRISTEN K. MAYES, Chairman
GARY PIERCE
PAUL NEWMAN
SANDRA D. KENNEDY
BOB STUMP

IN THE MATTER OF THE APPLICATION OF GRAHAM COUNTY UTILITIES WATER DIVISION INC. FOR A RATE INCREASE	)))))	DOCKET NO. W-02527A-09-0201

Arizona Corporation Commission
DOCKETED

DOCKETED BY

On April 27, 2009, Graham County Utilities, Inc. ("GCU") filed its rate case application in this docket. On May 27, 2009, Arizona Corporation Commission ("Commission") Staff filed a Letter of Deficiency that listed twelve deficiencies with GCU's application. Since that date GCU has been working with Arizona Corporation Commission Staff on these deficiencies. As a result of discussions with Staff, the following schedules have been revised:

Revised Schedule D-1 has been revised to include margins as well as debt amounts.

Revised Schedules H-1 through H-5 have been modified to breakdown rates, billing determinants and revenues by meter size as opposed to by residential, irrigation and commercial. All of the H Schedules in the application should be removed and replaced by these revised H schedules.

GCU has also attached the engineering information listed in the Commission Staff's Letter of Deficiency items Nos. 7 through 12.

None of the revisions to these schedules has resulted in a change to GCU's recommended revenue requirement that it has filed in its original rate case application.

RESPECTFULLY SUBMITTED this 25th day of June, 2009.

By _____

John V. Wallace
Grand Canyon State Electric Cooperative Assn., Inc.
Consultant for Graham County Electric Cooperative, Inc.

Original and thirteen (13) copies filed
this 25th day of June, 2009, with:

Docket Control
Arizona Corporation Commission
1200 W. Washington
Phoenix, AZ 85007

GRAHAM COUNTY UTILITIES, INC. - WATER SYSTEM
SUMMARY COST OF CAPITAL **REVISED SCHEDULE D-1**
TEST FISCAL YEAR ENDED SEPTEMBER 30, 2008

	END OF ACTUAL TEST YEAR			9/30/2008
INVESTED CAPITAL	**AMOUNT (b)**	**%**	**COST RATE**	**COMPOSITE**
LONG-TERM DEBT (a)	2,096,164	87.51%	4.89%	4.28%
DUE TO G.C.E. (a)	66,942	2.79%	4.75%	0.13%
EQUITY	232,258	9.70%	0.00%	0.00%
TOTAL	**2,395,364**	**100.00%**		**4.41%**

	END OF PROJECTED YEAR			9/30/2008
INVESTED CAPITAL	**AMOUNT (b)**	**%**	**COST RATE**	**COMPOSITE**
LONG-TERM DEBT (a)	2,024,141	88.94%	4.83%	4.29%
DUE TO G.C.E. (a)	40,000	1.76%	5.25%	0.09%
EQUITY	211,706	9.30%	0.00%	0.00%
TOTAL	**2,275,847**	**100.00%**		**4.39%**

SUPPORTING SCHEDULES:
(a) D-2

RECAP SCHEDULES:
(b) A-3

GRAHAM COUNTY UTILITIES, INC. - WATER SYSTEM
SUMMARY OF REVENUES BY CUSTOMER CLASS
PRESENT AND PROPOSED RATES
TEST FISCAL YEAR ENDED SEPTEMBER 30, 2008

REVISED SCHEDULE H-1

	REVENUES IN TEST YEAR PRESENT (a)	PROPOSED (a)	PROPOSED INCREASE AMOUNT (b)	% (b)
5/8" X 3/4" METER	554,866	686,134	131,268	23.66%
3/4" METER		-	-	
1" METER	2,367	2,792	425	17.96%
1 1/2" METER	4,553	5,349	796	17.48%
2" METER	7,287	9,434	2,147	29.47%
4" METER (RESALE)	33,910	43,681	9,771	28.82%
TOTAL	**602,983**	**747,391**	**144,408**	**23.95%**

SUPPORTING SCHEDULES:

(a) H-2

RECAP SCHEDULE:

(b) A-1

GRAHAM COUNTY UTILITIES, INC. - WATER SYSTEM
ANALYSIS OF REVENUE BY DETAILED CLASS **REVISED SCHEDULE H-2**
TEST FISCAL YEAR ENDED SEPTEMBER 30, 2008

CLASS OF SERVICE	ANNUAL AVERAGES CUSTOMER	GALLONS	REVENUES PRESENT (a)	PROPOSED (a)	INCREASE AMOUNT (a)	PERCENT (a)
5/8" X 3/4" METER	1,157	110,043	554,866	686,134	131,268	23.66%
3/4" METER	-	-	-	-	-	
1" METER	3	206,933	2,367	2,792	425	17.96%
1 1/2" METER	4	306,775	4,553	5,349	796	17.48%
2" METER	8	193,725	7,287	9,434	2,147	29.47%
4" METER (RESALE)	2	10,831,150	33,910	43,681	9,771	28.82%
TOTAL	**1,174**	**11,648,626**	**602,983**	**747,391**	**144,408**	**23.95%**

RECAP SCHEDULES:
(a) H-1

GRAHAM COUNTY UTILITIES, INC. - WATER SYSTEM
CHANGES IN REPRESENTATIVE RATE SCHEDULES **REVISED SCHEDULE H-3**
TEST FISCAL YEAR ENDED SEPTEMBER 30, 2008

RATE SCHEDULE	BLOCK	RATES PRESENT	RATES PROPOSED	$ CHANGE	% CHANGE
5/8" X 3/4" METER	ALL 1,000 GALLONS	2.55	2.99	0.44	17.25%
	SERVICE AVAILABILITY	16.80	22.00	5.20	30.95%
3/4" METER	ALL 1,000 GALLONS	2.55	2.99	0.44	17.25%
	SERVICE AVAILABILITY	18.00	24.00	6.00	33.33%
1" METER	ALL 1,000 GALLONS	2.55	2.99	0.44	17.25%
	SERVICE AVAILABILITY	23.00	26.00	3.00	13.04%
1 1/2" METER	ALL 1,000 GALLONS	2.55	2.99	0.44	17.25%
	SERVICE AVAILABILITY	30.00	35.00	5.00	16.67%
2" METER	ALL 1,000 GALLONS	2.55	2.99	0.44	17.25%
	SERVICE AVAILABILITY	35.00	50.00	15.00	42.86%
4" METER	ALL 1,000 GALLONS	2.55	2.99	0.44	17.25%
	SERVICE AVAILABILITY	50.00	60.00	10.00	20.00%
RESALE BULK SCHEDULES					
2" METER (RESALE BULK)	ALL 1,000 GALLONS	1.51	1.95	0.44	29.14%
	SERVICE AVAILABILITY	35.00	50.00	15.00	42.86%
4" METER (RESALE BULK)	ALL 1,000 GALLONS	1.51	1.95	0.44	29.14%
	SERVICE AVAILABILITY	50.00	60.00	10.00	20.00%
SERVICE CHARGES					
Establishment of Service - Regular Hours		15.00	20.00	5.00	33.33%
Establishment of Service - After Hours		22.50	50.00	27.50	122.22%
Reconnection of Service - Regular Hours		20.00	20.00	-	0.00%
Reconnection of Service - After Hours		0.00	50.00	50.00	N/A
After Hours Service Calls - Consumer Caused		70.00	70.00	-	0.00%
Meter Reread Charge (If Correct)		10.00	10.00	-	0.00%
Meter Test Fee (If Correct)		20.00	20.00	-	0.00%
Insufficient Funds Check Charge		20.00	25.00	5.00	25.00%
Interest Rate on Customer Deposits		6 %	6 %		
Late Payment (Per Month & Per Total Bill)		1.5 %	1.5% with $5 minimum		
Field Collection - Delinquent Account ***	$	15.00	-		
Reestablishment (Within 12 Months)		**	**		

** Months off system times the monthly minimum per Commission rule A.A.C. R14-2-403(D)
*** GCU is proposing that the Field Collection be eliminated for employee safety.

Security Deposits:

Per A.C.R.R. R14-2-403B

Service Line and Meter Installation Charges:		Present	Proposed
5/8" X 3/4" Meter	$	200.00	*
3/4" Meter	$	225.00	*
1" Meter	$	260.00	*
1 1/2" Meter	$	435.00	*
2" Meter	$	570.00	*
4" Meter	$	1,400.00	*
6" Meter	$	3,000.00	*

(Present - Decision No. 61056, dated 9/1/98)

*All Service Line and Meter Installation Charges will be based on actual cost and will be non-refundable Contributions in Aid of Construction

SUPPORTING SCHEDULES:

(a) TARIFF SCHEDULES EFFECTIVE 9/1/98 - DECISION NO. 61056

GRAHAM COUNTY UTILITIES, INC. - WATER SYSTEM
TYPICAL BILL ANALYSIS
TEST FISCAL YEAR ENDED SEPTEMBER 30, 2008

REVISED SCHEDULE H-4
Page 1

MONTHLY

	MONTHLY BILL 5/8" X 3/4"				MONTHLY BILL 3/4"				MONTHLY BILL 1"			
1000 GALLONS	PRESENT	PROPOSED	$ INCREASE	% INCREASE	PRESENT	PROPOSED	$ INCREASE	% INCREASE	PRESENT	PROPOSED	$ INCREASE	% INCREASE
0	16.80	22.00	5.20	30.95%	18.00	24.00	6.00	33.33%	23.00	26.00	3.00	13.04%
1000	19.35	24.99	5.64	29.15%	20.55	26.99	6.44	31.34%	25.55	28.99	3.44	13.46%
2000	21.90	27.98	6.08	27.76%	23.10	29.98	6.88	29.78%	28.10	31.98	3.88	13.81%
3000	24.45	30.97	6.52	26.67%	25.65	32.97	7.32	28.54%	30.65	34.97	4.32	14.09%
4000	27.00	33.96	6.96	25.78%	28.20	35.96	7.76	27.52%	33.20	37.96	4.76	14.34%
5000	29.55	36.95	7.40	25.04%	30.75	38.95	8.20	26.67%	35.75	40.95	5.20	14.55%
6000	32.10	39.94	7.84	24.42%	33.30	41.94	8.64	25.95%	38.30	43.94	5.64	14.73%
7000	34.65	42.93	8.28	23.90%	35.85	44.93	9.08	25.33%	40.85	46.93	6.08	14.88%
8000	37.20	45.92	8.72	23.44%	38.40	47.92	9.52	24.79%	43.40	49.92	6.52	15.02%
9000	39.75	48.91	9.16	23.04%	40.95	50.91	9.96	24.32%	45.95	52.91	6.96	15.15%
10000	42.30	51.90	9.60	22.70%	43.50	53.90	10.40	23.91%	48.50	55.90	7.40	15.26%
11000	44.85	54.89	10.04	22.39%	46.05	56.89	10.84	23.54%	51.05	58.89	7.84	15.36%
12000	47.40	57.88	10.48	22.11%	48.60	59.88	11.28	23.21%	53.60	61.88	8.28	15.45%
13000	49.95	60.87	10.92	21.86%	51.15	62.87	11.72	22.91%	56.15	64.87	8.72	15.53%
14000	52.50	63.86	11.36	21.64%	53.70	65.86	12.16	22.64%	58.70	67.86	9.16	15.60%
15000	55.05	66.85	11.80	21.44%	56.25	68.85	12.60	22.40%	61.25	70.85	9.60	15.67%
20000	67.80	81.80	14.00	20.65%	69.00	83.80	14.80	21.45%	74.00	85.80	11.80	15.95%
25000	80.55	96.75	16.20	20.11%	81.75	98.75	17.00	20.80%	86.75	100.75	14.00	16.14%
30000	93.30	111.70	18.40	19.72%	94.50	113.70	19.20	20.32%	99.50	115.70	16.20	16.28%
35000	106.05	126.65	20.60	19.42%	107.25	128.65	21.40	19.95%	112.25	130.65	18.40	16.39%
40000	118.80	141.60	22.80	19.19%	120.00	143.60	23.60	19.67%	125.00	145.60	20.60	16.48%
45000	131.55	156.55	25.00	19.00%	132.75	158.55	25.80	19.44%	137.75	160.55	22.80	16.55%
50000	144.30	171.50	27.20	18.85%	145.50	173.50	28.00	19.24%	150.50	175.50	25.00	16.61%
Average Monthly Usage			**9,173**				**0**				**18,265**	

	1 1/2"				2"				4"			
1000 GALLONS	PRESENT	PROPOSED	$ INCREASE	% INCREASE	PRESENT	PROPOSED	$ INCREASE	% INCREASE	PRESENT	PROPOSED	$ INCREASE	% INCREASE
0	30.00	35.00	5.00	16.67%	35.00	50.00	15.00	42.86%	50.00	60.00	10.00	20.00%
1000	32.55	37.99	5.44	16.71%	37.55	52.99	15.44	41.12%	51.51	61.95	10.44	20.27%
2000	35.10	40.98	5.88	16.75%	40.10	55.98	15.88	39.60%	53.02	63.90	10.88	20.52%
3000	37.65	43.97	6.32	16.79%	42.65	58.97	16.32	38.26%	54.53	65.85	11.32	20.76%
4000	40.20	46.96	6.76	16.82%	45.20	61.96	16.76	37.08%	56.04	67.80	11.76	20.99%
5000	42.75	49.95	7.20	16.84%	47.75	64.95	17.20	36.02%	57.55	69.75	12.20	21.20%
6000	45.30	52.94	7.64	16.87%	50.30	67.94	17.64	35.07%	59.06	71.70	12.64	21.40%
7000	47.85	55.93	8.08	16.89%	52.85	70.93	18.08	34.21%	60.57	73.65	13.08	21.59%
8000	50.40	58.92	8.52	16.90%	55.40	73.92	18.52	33.43%	62.08	75.60	13.52	21.78%
9000	52.95	61.91	8.96	16.92%	57.95	76.91	18.96	32.72%	63.59	77.55	13.96	21.95%
10000	55.50	64.90	9.40	16.94%	60.50	79.90	19.40	32.07%	65.10	79.50	14.40	22.12%
11000	58.05	67.89	9.84	16.95%	63.05	82.89	19.84	31.47%	66.61	81.45	14.84	22.28%
12000	60.60	70.88	10.28	16.96%	65.60	85.88	20.28	30.91%	68.12	83.40	15.28	22.43%
13000	63.15	73.87	10.72	16.98%	68.15	88.87	20.72	30.40%	69.63	85.35	15.72	22.58%
14000	65.70	76.86	11.16	16.99%	70.70	91.86	21.16	29.93%	71.14	87.30	16.16	22.72%
15000	68.25	79.85	11.60	17.00%	73.25	94.85	21.60	29.49%	72.65	89.25	16.60	22.85%
20000	81.00	94.80	13.80	17.04%	86.00	109.80	23.80	27.67%	80.20	99.00	18.80	23.44%
25000	93.75	109.75	16.00	17.07%	98.75	124.75	26.00	26.33%	87.75	108.75	21.00	23.93%
30000	106.50	124.70	18.20	17.09%	111.50	139.70	28.20	25.29%	95.30	118.50	23.20	24.34%
35000	119.25	139.65	20.40	17.11%	124.25	154.65	30.40	24.47%	102.85	128.25	25.40	24.70%
40000	132.00	154.60	22.60	17.12%	137.00	169.60	32.60	23.80%	110.40	138.00	27.60	25.00%
45000	144.75	169.55	24.80	17.13%	149.75	184.55	34.80	23.24%	117.95	147.75	29.80	25.26%
50000	157.50	184.50	27.00	17.14%	162.50	199.50	37.00	22.77%	125.50	157.50	32.00	25.50%
Average Monthly Usage			**25,563**				**16,146**				**902,583**	

GRAHAM COUNTY UTILITIES, INC. - WATER SYSTEM
BILL COUNT
TEST FISCAL YEAR ENDED SEPTEMBER 30, 2008

REVISED SCHEDULE H-5
Page 1

BLOCK	NUMBER OF BILLS	GALLONS BY BLOCK	CUMULATIVE BILLS NUMBER	CUMMULATIVE % OF TOTAL	CUMULATIVE GALLONS USAGE AMOUNT	% OF TOTAL
5/8" X 3/4"						
MIN	1,488	455,800	1,488	10.72%	455,800	0.36%
1,000	881	1,381,400	2,369	17.07%	1,837,200	1.44%
2,000	1,032	2,671,000	3,401	24.50%	4,508,200	3.54%
3,000	1,204	4,274,700	4,605	33.18%	8,782,900	6.90%
4,000	1,170	5,311,000	5,775	41.61%	14,093,900	11.07%
5,000	1,133	6,266,400	6,908	49.77%	20,360,300	15.99%
6,000	995	6,505,700	7,903	56.94%	26,866,000	21.10%
7,000	834	6,296,600	8,737	62.95%	33,162,600	26.05%
8,000	728	6,221,600	9,465	68.19%	39,384,200	30.93%
9,000	590	5,615,000	10,055	72.44%	44,999,200	35.34%
10,000	511	5,382,800	10,566	76.12%	50,382,000	39.57%
11,000	414	4,772,200	10,980	79.11%	55,154,200	43.32%
12,000	338	4,227,100	11,318	81.54%	59,381,300	46.64%
13,000	299	4,054,700	11,617	83.70%	63,436,000	49.82%
14,000	235	3,412,500	11,852	85.39%	66,848,500	52.50%
15,000	772	13,360,300	12,624	90.95%	80,208,800	63.00%
20,000	418	9,329,600	13,042	93.96%	89,538,400	70.33%
25,000	276	7,509,500	13,318	95.95%	97,047,900	76.22%
30,000	137	4,392,200	13,455	96.94%	101,440,100	79.67%
35,000	98	3,667,300	13,553	97.64%	105,107,400	82.55%
40,000	68	2,879,300	13,621	98.13%	107,986,700	84.82%
45,000	55	2,620,200	13,676	98.53%	110,606,900	86.87%
50,000	204	16,713,100	13,880	100.00%	127,320,000	100.00%
	13,880	**127,320,000**				

AVERAGE NUMBER OF CUSTOMERS **1,157**
AVERAGE GALLONS CONSUMPTION PER YEAR **110,075**
MEDIAN ANNUAL CONSUMPTION (GALLONS) **47,684**

3/4" METER		0	0	0	0	0
1" METER						
min	7	800	7	20.59%	800	0.13%
1,000	2	3,600	9	26.47%	4,400	0.71%
2,000	2	4,400	11	32.35%	8,800	1.42%
3,000	2	7,200	13	38.24%	16,000	2.58%
4,000	1	4,600	14	41.18%	20,600	3.32%
15,000	4	71,700	18	52.94%	92,300	14.87%
20,000	3	70,000	21	61.76%	162,300	26.14%
25,000	3	84,300	24	70.59%	246,600	39.72%
30,000	6	189,200	30	88.24%	435,800	70.20%
35,000	1	35,100	31	91.18%	470,900	75.85%
45,000	2	98,700	33	97.06%	569,600	91.75%
50,000	1	51,200	34	100.00%	620,800	100.00%
	34	**620,800**				

AVERAGE NUMBER OF CUSTOMERS **3**
AVERAGE GALLONS CONSUMPTION PER YEAR **219,106**
MEDIAN ANNUAL CONSUMPTION (GALLONS) **44,929**

1 1/2" METER						
min	24	2,000	24	50.00%	2,000	0.16%
13,000	2	27,500	26	54.17%	29,500	2.40%
14,000	2	28,800	28	58.33%	58,300	4.75%
15,000	2	35,600	30	62.50%	93,900	7.65%
20,000	2	46,300	32	66.67%	140,200	11.43%
35,000	4	154,500	36	75.00%	294,700	24.02%
45,000	2	100,000	38	79.17%	394,700	32.17%
50,000	10	832,400	48	100.00%	1,227,100	100.00%
	48	**1,227,100**				

AVERAGE NUMBER OF CUSTOMERS **4**
AVERAGE GALLONS CONSUMPTION PER YEAR **306,775**
MEDIAN ANNUAL CONSUMPTION (GALLONS) **29,263**

2" METER						
min	11	1,700	11	11.46%	1,700	0.11%
1,000	1	1,800	12	12.50%	3,500	0.23%
2,000	2	5,000	14	14.58%	8,500	0.55%
3,000	4	14,400	18	18.75%	22,900	1.48%
4,000	6	27,700	24	25.00%	50,600	3.26%
5,000	4	22,300	28	29.17%	72,900	4.70%
6,000	3	19,800	31	32.29%	92,700	5.98%
7,000	1	7,600	32	33.33%	100,300	6.47%
8,000	2	18,000	34	35.42%	118,300	7.63%
9,000	2	18,500	36	37.50%	136,800	8.83%
10,000	3	31,700	39	40.63%	168,500	10.87%
11,000	1	12,000	40	41.67%	180,500	11.65%
12,000	5	63,700	45	46.88%	244,200	15.76%
13,000	6	80,000	51	53.13%	324,200	20.92%
14,000	3	43,600	54	56.25%	367,800	23.73%
15,000	15	257,900	69	71.88%	625,700	40.37%
20,000	8	181,300	77	80.21%	807,000	52.07%
25,000	5	137,900	82	85.42%	944,900	60.97%
30,000	3	101,300	85	88.54%	1,046,200	67.51%
35,000	2	76,100	87	90.63%	1,122,300	72.42%
40,000	6	249,500	93	96.88%	1,371,800	88.51%
45,000	1	47,700	94	97.92%	1,419,500	91.59%
50,000	2	130,300	96	100.00%	1,549,800	100.00%
	96	**1,549,800**				

AVERAGE NUMBER OF CUSTOMERS **8**
AVERAGE GALLONS CONSUMPTION PER YEAR **193,725**
MEDIAN ANNUAL CONSUMPTION (GALLONS) **22,563**

4" METER						
50,000	24	21,662,300	24	100.00%	21,662,300	100.00%

AVERAGE NUMBER OF CUSTOMERS 2
AVERAGE GALLONS CONSUMPTION PER YEAR 10,831,150
MEDIAN ANNUAL CONSUMPTION (GALLONS) 10,831,150

COMPANY NAME	Graham County Utilities, Inc. - Water	
Name of System:	PIMA	ADEQ Public Water System Number: 05-002

WATER COMPANY PLANT DESCRIPTION

WELLS

ADWR ID Number*	Pump Horsepower	Pump Yield (gpm)	Casing Depth (Feet)	Casing Diameter (Inches)	Meter Size (inches)	Year Drilled
Schedule Attached						

* Arizona Department of Water Resources Identification Number

OTHER WATER SOURCES

Name or Description	Capacity (gpm)	Gallons Purchased or Obtained (in thousands)
NONE		

BOOSTER PUMPS		FIRE HYDRANTS	
Horsepower	Quantity	Quantity Standard	Quantity Other
2	1	53	

STORAGE TANKS		PRESSURE TANKS	
Capacity	Quantity	Capacity	Quantity
380,000	1		
190,000	1		
475,000	1		
90,000	1		

Note: If you are filing for more than one system, please provide separate sheets for each system.

COMPANY NAME	Graham County Utilities, Inc. - Water	
Name of System:	PIMA	ADEQ Public Water System Number: 05-002

WATER COMPANY PLANT DESCRIPTION (CONTINUED)

MAINS

Size (in inches)	Material	Length (in feet)
2	CA,PVC,Steel	33,044
3	CA,PVC,Steel	8,974
4	CA,PVC,Steel	36,456
5	CA,PVC,Steel	
6	CA,PVC,Steel	66,618
8	CA,PVC,Steel	3,743
10	CA,PVC,Steel	31,024
12	CA,PVC,Steel	

CUSTOMER METERS

Size (in inches)	Quantity
5/8 X ¾	1,083
3/4	
1	1
1 1/2	2
2	3
Comp. 3	
Turbo 3	
Comp. 4	2
Turbo 4	
Comp. 6	
Turbo 6	

For the following three items, list the utility owned assets in each category for each system.

TREATMENT EQUIPMENT:
Chlorination

STRUCTURES:
Chlorination Building 8' X 12' Pima, Arizona

OTHER:

Note: If you are filing for more than one system, please provide separate sheets for each system.

COMPANY NAME	Graham County Utilities, Inc. – Water	
Name of System:	FT THOMAS	ADEQ Public Water System Number: 05-001

WATER COMPANY PLANT DESCRIPTION

WELLS

ADWR ID Number*	Pump Horsepower	Pump Yield (gpm)	Casing Depth (Feet)	Casing Diameter (Inches)	Meter Size (inches)	Year Drilled
Schedule Attached						

* Arizona Department of Water Resources Identification Number

OTHER WATER SOURCES

Name or Description	Capacity (gpm)	Gallons Purchased or Obtained (in thousands)
NONE		

BOOSTER PUMPS		FIRE HYDRANTS	
Horsepower	Quantity	Quantity Standard	Quantity Other
30	1	16	

STORAGE TANKS		PRESSURE TANKS	
Capacity	Quantity	Capacity	Quantity
190,000	1	4,000	1
45,000	1		

Note: If you are filing for more than one system, please provide separate sheets for each system.

COMPANY NAME	Graham County Utilities, Inc. – Water	
Name of System:	FT THOMAS	ADEQ Public Water System Number: 05-001

WATER COMPANY PLANT DESCRIPTION (CONTINUED)

MAINS

Size (in inches)	Material	Length (in feet)
2	CA,PVC,Steel	2,561
3	CA,PVC,Steel	300
4	CA,PVC,Steel	4,711
5	CA,PVC,Steel	
6	CA,PVC,Steel	36,269
8	CA,PVC,Steel	16,363
10	CA,PVC,Steel	
12	CA,PVC,Steel	

CUSTOMER METERS

Size (in inches)	Quantity
5/8 X ¾	102
3/4	
1	1
1 1/2	1
2	2
Comp. 3	
Turbo 3	
Comp. 4	
Turbo 4	
Comp. 6	
Turbo 6	

For the following three items, list the utility owned assets in each category for each system.

TREATMENT EQUIPMENT:
Chlorination

STRUCTURES:
Chlorination Building 8' X 12' Ft Thomas, Arizona

OTHER:
Gas Generator for Pressure Tank

Note: If you are filing for more than one system, please provide separate sheets for each system.

GRAHAM COUNTY UTILITIES, INC. - WATER
YEAR ENDED 12/31/2008
WATER COMPANY PLANT DESCRIPTION

ADWR ID NO.		PUMP HORSEPOWER	PUMP YIELD (GPM)	CASING SIZE (INCHES)	WELL DEPTH (FEET)	METER SIZE (INCHES)	YEAR DRILLED
Pima System Wells 05-002							
55-529642		5	25	12	196		1991
55-540458		5	65	12	200		1994
55-545487		5	55	12	189		1995
55-549470		5	65	12	217		1995
55-605850	CAPPED			4			Pre 1989
55-605851		1	25	6	100		Pre 1989
55-605852	CAPPED			6	100		Pre 1989
55-605853	CAPPED			6	250		Pre 1989
55-605854	CAPPED			4	100		Pre 1989
55-605855		1	0	6	100		Pre 1989
55-605856		3	35	12	290		Pre 1989
55-605857	CAPPED			4	100		Pre 1989
55-605858	CAPPED			16	32		Pre 1989
55-605859	CAPPED			5	100		Pre 1989
55-605860		1	15	6	100		Pre 1989
55-605861		1	25	4	100		Pre 1989
55-605862	CAPPED			5	100		Pre 1989
55-605863		1	25	6	90		1998
55-606081	CAPPED			1	585		Pre 1989
55-606082	CAPPED			6	100		Pre 1989
55-606084	CAPPED						Pre 1989
55-606085		3	45	12	255		Pre 1989
55-565864		3	35	12	220		Pre 1989
55-565865		5	65	12	220		1998
55-206721		7.5	70	10	700		2006
55-211780		30	250	12	620		2007
55-211778		20	200	8	342		2007
55-215997		0	250	12	589		2008
Ft Thomas System Wells 05-001							
55-605863		1	25	6	90		1998
55-606086		1.5	30	8	84		Pre 1989
55-606087		1	25	12	80		Pre 1989

Graham County Utilities

PWS 05-002

Wells presently active in the system

Well Name	Cadastral Location	DWR No.	Horse power	Pump yield	Casing Size	Well Depth	Meter Size	Last Used
Pima # 1	D (7-24) 8 ABA	55-529642	5	25	12"	194'	none	since 2007 used as needed to suppliment system demand
Pima # 2	D (7-24) 8 ACB	55-540458	5	65	12"	210'	none	since 2007 used as needed to suppliment system demand
Pima # 3	D (7-24) 8 BDB	55-545487	5	55	12"	189'	none	since 2007 used as needed to suppliment system demand
Pima # 4	D (7-24) 5 DDC	55-549470	5	65	12"	217'	none	in use
Pima # 5	D (7-24) 4 CCC	55-565863	5	25	12"	230'	none	auto
Pima # 6	D (7-24) 8 AAA	55-565864	3	35	12"	220'	none	since 2007 used as needed to suppliment system demand
Pima # 7	D (7-24) 8 ACA	55-565865	5	65	12"	258'	none	since 2007 used as needed to suppliment system demand
Pima # 8	D (7-24) 8 DBC	55-206721	7.5	70	6"	700'	2'	Mar-09
Pima # 9	D (7-24) 8 DAD	55-211780	30	250	12"	620'	4"	Apr-09
Pima # 10	D (7-24) 8 ADA	55-211778	20	200	8"	342'	4"	2008
Pima # 14	D (7-24) 8 DAC	55-215997	30	250	12"	589'	4"	in use
Herbert # 1	D (7-24) 5 DCB	55-606085	3	45	12"	210'	none	high arsenic no immediate plans to use
Herbert # 2	D (7-24) 5 DCA	55-605860	1	15	6"	?	none	in use
Herbert # 5	D (7-24) 5 DDA	55-605861	1	25	4"	?	none	auto
Two Flow	D (7-24) 8 AC	55-605851	1	25	6"	150'	none	in use
Cope # 2	D (7-24) 4 DD	55-605856	3	35	12"	200'	none	auto
Mangum # 1	D (7-24) 4 CCC	55-605855	1	0	4"	?	none	high arsenic no immediate plans to use

Wells not presently tied to our system

Well Name	Cadastral Location	DWR No.	Horse power	Pump yield	Casing Size	Well Depth	Meter Size	
Herbert # 3	D (7-24) 5 DCA	55-605859						no plans to use
Herbert # 4	D (7-24) 5 DDA	55-605862						no plans to use
Webb	D (7-24) 8 BC	55-606081						no plans to use
Cope # 1	D (7-24) 5 DDD	55-606083						no plans to use
Upper Chatfield	D (7-24) 8 BDD	55-605850						no plans to use
Lower Chatfield	D (7-24) 3 AAA	55-605858						no plans to use
Mangum # 2	D (7-24) 4 CCC	55-605857						no plans to use
Willow	D (7-24) 8 A	55-605852						no plans to use
Horne # 1	D (7-24) 8 AA	55-606082						no plans to use
Rogers	D (7-24) 8 AA	55-605853						no plans to use
Keens Well	D (5-23) 3 DCD	55-809146			12"	77'		recently purchase for future demand in Fort Thomas
Junker Well	D (7-26) 20 BDC	55-212931			12"	120'		recently purchase for future demand in Fort Thomas
Pima # 11	D (7-24) 8 BBA	55-211762			12"	555'		for future use in Pima
Pima # 12	D (7-24) 4 CBB	55-211763			12"	330'		for future use in Pima

Graham County Utilities

PWS 05-001

Wells presently active in the system

Well Name	Cadastral Location	DWR No.	Horse power	Pump yield	Casing Size	Well Depth	Meter Size	
Blackrock Well	D (5-23) 2 CBB	55-605863	1	25	6"	90	1.5"	in use
Cope Well	D (5-23) 2 CBD	55-606087	1	25	16"	84	1.5"	in use
Bowman Well	D (5-23) 2 CAD	55-606086	1.5	30	16"	80	1.5"	in use

Well Name	DWR No.	Well Size	Well Depth	Pump Size	Static Level	Draw Down	Pumping GPM	Arsenic Level	Arsenic Calculation	
Pima # 1 Well	55-529642	12"	194'	2"--3 HP	Well in use	132' 3"	15	13	195	burned up
Pima # 2 Well	55-540458	12"	210'	3"--5 HP	Well in use	147' 7"	48	19	912	
Pima # 3 Well	55-545487	12"	189'	2"--5 HP	Well in use	?	45	17	765	
Pima # 4 Well	55-549470	12"	217'	2"--5 HP	84' 9"	?	50	5	250	
Pima # 5 Well	55-565863	12"	230'	2"--3 HP	Well in use	178' 8"	15	17	255	
Pima # 6 Well	55-565864	**12"**	**220'**	**2"--3 HP**	**Well in use**	**156' 6"**	**31**	**29**	**899**	
Pima # 7 Well	55-565865	**12"**	**258'**	**2"--5 HP**	**Well in use**	**113' 9"**	**66**	**37**	**2442**	
Pima # 8 Well	55-206721	6'					70	2	140	
Pima # 9	55-211780	12'					250	6	1500	
Pima # 10	55-211778	10'					190	24	4560	
Pima # 11	55-211762			not tied into system			100	12	1200	
Pima # 14	55-215997	12'					250	0	0	
Cope # 2 Well	55-605856	12"	200'	2"--3 HP	Well in use	131' 6"	28	10	280	
Two Flow Well	55-605851	6"	150'	1 1/4"--1 HP	Well in use	106' ?	20	5	100	
Herbert # 1 Well	55-606085	**12"**	**210'**	**2"--3 HP**	**Well in use**	**136' 10"**	**29**	**66**	**1914**	
Herbert # 2 Well	55-605860	6"		1 1/4"--1 HP	Well in use		15	10	150	fixed 3/11/09
Herbert # 5 Well	55-605861	4"		1 1/4"--1 HP	Well in use		22	4	88	
Total Available							**1244**			

Total Pumping **335**

Aggregate Arsenic Level **1.493**

Aggregate Arsenic level Auto's 65 GPM **9.585**

Note: blue indicates wells being used. Red indicates well's on auto

Green indicates wells with high arsenic levels.

Ft. Thomas Well Statistics

Well Name		Well Size	Well Depth	Pump Size	Static Level	Draw Down	Pumping GPM
Blackrock Well		6"		1 1/4--1 Hp	57' 7"	64' 9"	27
Cope Well		16"	73' 4"	1 1/4--1 1/2 Hp	51' 3"		
Bowman Well		16"	69'	1 1/4--1 Hp	49' 3"		

GRAHAM COUNTY UTILITIES, INC. - WATER
YEAR ENDED DECEMBER 31,2008
PLANT DESCRIPTION

FT THOMAS

BOOSTER PUMPS	HORSEPOWER	QUANTITY
FT THOMAS	30	2

FIRE HYDRANTS	QUANTITY STANDARD
FT THOMAS	16

STORAGE TANKS	CAPACITY	QUANTITY
FT THOMAS	190,000	1
	45,000	1
TOTAL	**235,000**	**2**

PRESSURE TANKS	CAPACITY	QUANTITY
FT THOMAS	4,000	1

GENERATOR FOR PRESSURE TANK	QUANTITY
FT THOMAS	1

PIMA

BOOSTER PUMPS	HORSEPOWER	QUANTITY
PIMA	2	1

FIRE HYDRANTS	QUANTITY STANDARD
PIMA	53

STORAGE TANKS	CAPACITY	QUANTITY
PIMA	190,000	1
	90,000	1
	475,000	1
	380,000	1
TOTAL	**1,135,000**	**4**

GRAHAM COUNTY UTILITIES, INC. - WATER
NET ADDITIONS TO PLANT
FISCAL YEARS ENDED SEPTEMBER 30

GL	DESCRIPTION	FYE2000	FYE 2001	FYE 2002	FYE 2003	FYE 2004	FYE 2005	FYE 2006	FYE 2007	FYE 2008	TOTAL
FT THOMAS											
330310	Land & Land Rights								6,500		**6,500**
330400	Structures & Improvements			31,851			16,640	(11,355)			**37,136**
330700	Wells & Springs								89,052		**89,052**
331100	Pumping Equipment			27,433	9,944				2,107	1,602	**41,086**
333100	Transmission Mains			88,971							**88,971**
333300	Services	2,617	44	746	847	3,456	1,193	2,605	1,686	2,049	**15,243**
333300	Sub-Divisions/Main Lines				10,058						**10,058**
333500	Hydrants			2,365							**2,365**
337000	Meters	1,531	93	1,247	(219)	1,511	314	253	582	844	**6,156**
PIMA											
333300	Services	3,672	2,155	4,078	14,167	4,436	8,097	17,569	4,935	10,676	**69,785**
333300	Sub-Divisions/Main Lines	4,598	672			5,414	5,450	6,196	5,204	17,176	**44,710**
333500	Hydrants							2,699	13,593	5,461	**21,753**
334500	Tools & Shop Equipment				2,000	1,497	1,435	562	4,306	39,963	**49,763**
337000	Meters	4,838	6,033	5,298	(285)	4,308	3,572	2,307	3,499	11,475	**41,045**
339700	Communication Equipment			7,846							**7,846**
	TOTAL	**17,256**	**8,997**	**169,834**	**36,512**	**20,622**	**36,701**	**20,835**	**131,464**	**89,246**	**531,468**
Less: USDA Rural Development Loan				95,000							**95,000**
NET		**17,256**	**8,997**	**74,834**	**36,512**	**20,622**	**36,701**	**20,835**	**131,464**	**89,246**	**436,468**

AMOUNT OF LOAN REQUESTED **$250,000**

RECONCILIATION

	FYE 9/30/1999	FYE 9/30/2000	FYE 9/30/2001	FYE 9/30/2002	FYE 9/30/2003	FYE 9/30/2004	FYE 9/30/2005	FYE 9/30/2006	FYE 9/30/2007	FYE 9/30/2008	
AUDIT	1,684,618	1,702,689	1,711,687	1,881,521	1,918,033	1,938,655	1,975,356	1,996,191	2,127,655	2,216,901	
NET INCREASE		**18,071**	**8,998**	**169,834**	**36,512**	**20,622**	**36,701**	**20,835**	**131,464**	**89,246**	**532,283**
DIFFERENCE		**(815)**	**(1)**	**0**	**(0)**	**-**	**0**	**0**	**(0)**	**(0)**	**(815)**

The difference in FYE 9-30-2000 is because October, November & December 1999 were included in the last CFC borrowing..

GRAHAM COUNTY UTILITIES, INC. - WATER
WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2008

MONTH	NUMBER OF CUSTOMERS			GALLONS SOLD (Thousands)			GALLONS PUMPED (Thousands)		
	FT THOMAS	PIMA	TOTAL	FT THOMAS	PIMA	TOTAL	FT THOMAS	PIMA	TOTAL
JANUARY	108	1,059	**1,167**	866	7,767	**8,632**	1,098	9,959	**11,057**
FEBRUARY	110	1,056	**1,166**	634	8,382	**9,016**	665	8,280	**8,945**
MARCH	107	1,061	**1,168**	715	7,853	**8,568**	1,027	8,172	**9,199**
APRIL	110	1,069	**1,179**	802	10,351	**11,153**	865	11,119	**11,983**
MAY	106	1,070	**1,176**	1,242	14,831	**16,073**	1,588	16,558	**18,146**
JUNE	105	1,077	**1,182**	1,117	13,053	**14,169**	1,309	14,778	**16,086**
JULY	109	1,084	**1,193**	1,489	17,518	**19,007**	1,606	16,541	**18,147**
AUGUST	108	1,081	**1,189**	1,330	14,626	**15,955**	1,625	15,860	**17,485**
SEPTEMBER	108	1,087	**1,195**	1,103	11,762	**12,865**	1,021	12,003	**13,025**
OCTOBER	109	1,089	**1,198**	1,199	13,572	**14,771**	1,267	14,517	**15,783**
NOVEMBER	107	1,095	**1,202**	949	10,354	**11,303**	985	10,512	**11,497**
DECEMBER	110	1,087	**1,197**	724	8,790	**9,515**	852	10,402	**11,254**
TOTALS →				**12,168**	**138,858**	**151,026**	**13,906**	**148,700**	**162,606**

GRAHAM COUNTY UTILITIES, INC. - WATER
WATER USE DATA SHEET BY MONTH FOR FISCAL YEAR ENDED SEPTEMBER 30, 2008

MONTH	NUMBER OF CUSTOMERS			GALLONS SOLD (Thousands)			GALLONS PUMPED (Thousands)		
	FT THOMAS	PIMA	TOTAL	FT THOMAS	PIMA	TOTAL	FT THOMAS	PIMA	TOTAL
OCTOBER	106	1,053	**1,159**	944	11,701	**12,645**	1,099	13,223	**14,322**
NOVEMBER	106	1,049	**1,155**	922	11,176	**12,098**	1,510	10,176	**11,686**
DECEMBER	106	1,051	**1,157**	1,263	10,936	**12,199**	1,298	11,579	**12,877**
JANUARY	108	1,059	**1,167**	866	7,767	**8,632**	1,098	9,959	**11,057**
FEBRUARY	110	1,056	**1,166**	634	8,382	**9,016**	665	8,280	**8,945**
MARCH	107	1,061	**1,168**	715	7,853	**8,568**	1,027	8,172	**9,199**
APRIL	110	1,069	**1,179**	802	10,351	**11,153**	865	11,119	**11,983**
MAY	106	1,070	**1,176**	1,242	14,831	**16,073**	1,588	16,558	**18,146**
JUNE	105	1,077	**1,182**	1,117	13,053	**14,169**	1,309	14,778	**16,086**
JULY	109	1,084	**1,193**	1,489	17,518	**19,007**	1,606	16,541	**18,147**
AUGUST	108	1,081	**1,189**	1,330	14,626	**15,955**	1,625	15,860	**17,485**
SEPTEMBER	108	1,087	**1,195**	1,103	11,762	**12,865**	1,021	12,003	**13,025**
TOTALS →				**12,425**	**139,955**	**152,380**	**14,709**	**148,248**	**162,958**

Graham County Utilities, Inc

FYE 10/1/07 - 9/30/08 Water Testing Costs	FYE ENDED 9/30/08
PWS# 05-001	
Monitoring Assistance Program: 2009 fee	$527.56
Monitoring Assistance Program: 2008 fee	$524.99
Total Coliform: 2 Samples per month	$740.00
Chlorine Residual: 2 Samples per month	$240.00
Trip Change: 1 per month	$150.00
TTHM & HAA5: 1 sample per year @ $ 360.00 per sample	$360.00
Particulate & Floride Analysis	$445.00
Lead and Copper: 5 samples every 3 years @ & $ 34.00 per sample, last samples taken 2008	$170.00
	$3,157.55
LESS: Refund from Monitoring Assistance Program	-$158.14
	$2,999.41
PWS# 05-002	
Monitoring Assistance Program: 2009 fee	$3,007.61
Monitoring Assistance Program: 2008 fee	$2,920.23
Total Coliform: 3 Samples per month @ $ 30.00 per sample	$1,110.00
Chlorine Residual: 3 Samples per month @ $ 10 per sample	$360.00
Trip Change: 1 per month	$150.00
TTHM & HAA5: 1 sample per year @ $ 360.00 per sample	$360.00
Arsenic Testing	$21.00
Lead and Copper: 10 samples every 3 years @ & 34.00 per sample, last samples taken 2006	
	$7,928.84
LESS: Refund from Monitoring Assistance Program	-$1,013.19
	$6,915.65
Per GL FYE 9/30/08	**$9,915.06**

Graham County Utilities, Inc

PROJECTED FUTURE WATER TESTING COSTS

PWS# 05-001

Monitoring Assistance Program: 2009 fee $ 527.56	$527.56
Total Coliform: 2 Samples per month	$840.00
Chlorine Residual: 2 Samples per month	$240.00
Trip Change: 1 per month	$150.00
TTHM & HAA5: 1 sample per year @ $ 360.00 per sample	$360.00
Particulate & Floride Analysis	
Lead and Copper: 5 samples every 3 years @ & $ 34.00 per sample, last samples taken 2008	$0.00
	$2,117.56
LESS: Refund from Monitoring Assistance Program	-$158.14
	$1,959.42

PWS# 05-002

Monitoring Assistance Program: 2009 fee $ 3007.61	$3,007.61
Total Coliform: 3 Samples per month @ $ 30.00 per sample	$1,260.00
Chlorine Residual: 3 Samples per month @ $ 10 per sample	$360.00
Trip Change: 1 per month	$150.00
TTHM & HAA5: 1 sample per year @ $ 360.00 per sample	$360.00
Arsenic Testing	$210.00
Lead and Copper: 10 samples every 3 years @ & 34.00 per sample, last samples taken 2006	$340.00
	$5,687.61
LESS: Refund from Monitoring Assistance Program	-$1,013.19
	$4,674.42
	$6,633.84

GRAHAM COUNTY UTILITIES, INC. - WATER
YEAR ENDED DECEMBER 31,2008

LEVEL OF ARSENIC BY WELL

Pima System 05-002

ADWR ID. NO.	PARTS PER BILLION
55-529642	13
55-540458	19
55-545487	17
55-549470	5.5
55-605851	5.7
55-605855	4.8
55-605856	10
55-605860	10
55-605861	3.9
55-565863	17
55-565864	29
55-606085	66
55-565865	37
55-206721	0
55-211780	3.5
55-211778	24
55-215997	0

Thomas System 05-001

55-605863	0
55-606087	0
55-606086	0

GRAHAM COUNTY UTILITIES, INC. - WATER
SERVICE CONNECTIONS AT DECEMBER 31

DATE	FT THOMAS	PIMA	TOTAL
December 31, 2004	103	973	1,076
December 31, 2005	104	1,000	1,104
December 31, 2006	105	1,028	1,133
December 31, 2007	106	1,051	1,157
December 31, 2008	110	1,087	1,197