

ARIZONA WATER COMPANY

DOCKET NO. W-01445A-08-0440

**SURREBUTTAL TESTIMONY
ON RATE DESIGN**

OF

RODNEY L. MOORE

ON BEHALF OF

THE

RESIDENTIAL UTILITY CONSUMER OFFICE

AUGUST 12, 2009

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1 **INTRODUCTION**

2 Q. Please state your name for the record.

3 A. My name is Rodney Lane Moore.

4
5 Q. Have you previously filed testimony regarding this docket?

6 A. Yes, I have. I filed direct rate design testimony in this docket on June 26,
7 2009.

8
9 Q. Please state the purpose of your testimony.

10 A. The purpose of my surrebuttal testimony is to present RUCO's revised
11 recommended rate design for Arizona Water Company ("AWC" or
12 "Company").

13
14 Q. Please summarize your surrebuttal testimony.

15 A. My surrebuttal testimony describes RUCO's recommended rate design
16 and presents schedules that demonstrate it will produce RUCO's
17 recommended level of revenue. I have also provided a schedule, which
18 shows the impact of RUCO's recommended rate design on a typical
19 residential customer at various levels of consumption.

20
21 To support RUCO's position I am presenting numerous schedules, which
22 clearly depict the methodology and calculations used to produce RUCO's
23 recommended rate design.

1 Q. Please explain how your schedules are organized.

2 A. My schedules comprise one hundred and ten pages. The first eight pages
3 are Summary Schedules for Total Company and Company by Group,
4 followed by Summary Schedules for each of the individual groups
5 (Eastern, Western and Northern). The remaining pages provide an in-
6 depth analysis of each of the seventeen systems. Each system's analysis
7 consists of a five-page rate design and proof of recommended revenue
8 Schedule plus a single page Typical Residential Bill Analysis.

9

10 I have provided a table of contents and each page is numbered on the
11 lower right-hand corner for quick reference to the index.

12

13 **RATE DESIGN**

14 Q. Please explain the elements of RUCO's revised recommended rate design
15 that differ from the previously filed direct rate design testimony.

16 A. My surrebuttal rate design now contains elements associated with rate
17 consolidation. As stated in my direct testimony, RUCO Director Jodi
18 Jerich will file surrebuttal testimony on RUCO's position regarding the
19 issue of rate consolidation.

20

21

22

23

1 Q. Please explain the elements you revised in your surrebuttal rate design.

2 A. The following is a list of the changes made to my direct rate design filing:

3 1. I standardized the "meter multiplier factor" for all meter classes in
4 all systems.

5 2. I standardized the basic service charge for a 5/8" X 3/4" metered
6 residential customer in all systems at \$15.00.

7 3. I adjusted the commodity charges in each individual system to
8 generate RUCO's recommended revenue requirement for that
9 system.

10 4. I capped the maximum rate increase for any 5/8" X 3/4" metered
11 residential customer with average water usage (calculated for their
12 system) at \$5.00. The \$5.00 increase was the difference between
13 present monthly costs including ACRM surcharges and RUCO's
14 proposed monthly costs. The cap reduced monthly costs for
15 customers in Winkelman, Miami, Stanfield and Rimrock. The cap
16 created a revenue loss of \$501,390 from RUCO's company-wide
17 recommended revenue requirement.

18 5. I adjusted the basic service charge for all customers equally in all
19 systems to generate the cap shortfall. The adjustment increased
20 the monthly bill for a 5/8" X 3/4" residential customer in all systems
21 by \$0.41 increasing the basic service charge \$15.00 to \$15.41.

22

23

1 Thus, all customers classes have a consolidated basic monthly charge
2 calculated from a base of \$15.41 for a 5/8" X 3/4" meter; while, the
3 commodity charges will vary in each system.

4

5 **PROOF OF RECOMMENDED REVENUE**

6 Q. Has RUCO prepared a Schedule presenting proof of your recommended
7 revenue?

8 A. Yes. Proof that RUCO's recommended rate design will produce the
9 recommended required revenue as illustrated, is presented on the Rate
10 Design Schedule for each of the seventeen systems.

11

12 **TYPICAL BILL ANALYSIS**

13 Q. Has RUCO prepared a Schedule representing the financial impact of
14 RUCO's recommended rate design on the typical residential customer?

15 A. Yes. A typical bill analysis for residential 5/8" X 3/4" metered customers
16 with various levels of usage (both average and median) is presented on
17 the Typical Bill Analysis Schedule for each of the seventeen systems.

18

19 Q. Does this conclude your direct testimony?

20 A. Yes, it does.

**SURREBUTTAL TESTIMONY
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RATE DESIGN AND PROOF OF RECOMMENDED REVENUE

LINE NO.	DESCRIPTION	(A) PRESENT REVENUE	(B) COMPANY PROPOSED REVENUE	(C) RUCO PROPOSED REVENUE	(D) RUCO RECOM'D INCREASE	(E) RUCO PERCENTAGE INCREASE
TOTAL COMPANY BY CUSTOMER CLASS - SUMMARY SCHEDULE						
1	RESIDENTIAL CUSTOMERS	\$ 30,958,747	\$ 42,300,947	\$ 36,505,298	\$ 5,546,551	17.92%
2	COMMERCIAL CUSTOMERS	8,456,122	11,860,723	10,252,639	1,796,518	21.25%
3	INDUSTRIAL CUSTOMERS	1,255,959	1,283,997	1,205,326	(50,633)	-4.03%
4	PRIVATE FIRE SERVICE CUSTOMERS	38,142	189,150	189,150	151,008	395.91%
5	OTHER WATER REVENUE CUSTOMERS	1,101,655	1,616,988	1,399,250	297,595	27.01%
6	TOTAL REVENUE	<u>\$ 41,810,625</u>	<u>\$ 57,251,805</u>	<u>\$ 49,551,664</u>	<u>\$ 7,741,039</u>	<u>18.51%</u>
7	MISCELLANEOUS REVENUE	1,551,300	1,551,300	1,551,299	(0)	0.00%
8	Unreconciled Difference vs. Billed Revenues		949	(949)	(949)	
9	Consolidated Revenue Adjustment		-	(0)		
10	TOTAL OPERATING REVENUE	<u>\$ 43,361,925</u>	<u>\$ 58,804,053</u>	<u>\$ 51,102,014</u>	<u>\$ 7,740,090</u>	<u>17.85%</u>

TOTAL COMPANY BY GROUP - SUMMARY SCHEDULE

EASTERN GROUP -						
11	SUPERSTITION SYSTEM	\$ 11,940,259	\$ 16,804,800	\$ 14,050,001	\$ 2,109,742	17.67%
12	BISBEE SYSTEM	1,723,153	2,086,472	1,999,329	276,176	16.03%
13	SIERRA VISTA SYSTEM	1,461,708	1,523,034	1,321,391	(140,317)	-9.60%
14	SAN MANUEL SYSTEM	812,422	1,215,223	1,133,988	321,566	39.58%
15	ORACLE SYSTEM	1,126,259	1,195,526	1,071,263	(54,996)	-4.88%
16	WINKLEMAN SYSTEM	98,724	134,085	109,635	10,911	11.05%
17	MIAMI SYSTEM -	1,850,773	1,904,272	2,116,537	265,764	14.36%
18	SUB-TOTAL	<u>\$ 19,013,298</u>	<u>\$ 24,863,412</u>	<u>\$ 21,802,144</u>	<u>\$ 2,788,846</u>	<u>14.67%</u>
WESTERN GROUP -						
19	CASA GRANDE SYSTEM	\$ 10,934,954	\$ 16,315,353	\$ 14,560,010	\$ 3,625,056	33.15%
20	STANFIELD SYSTEM	131,941	139,662	155,101	23,160	17.55%
21	WHITE TANK SYSTEM	1,245,240	1,739,054	1,557,521	312,281	25.08%
22	AJO SYSTEM	471,088	569,955	522,659	51,571	10.95%
23	COOLIDGE SYSTEM	2,214,937	2,776,111	2,173,189	(41,748)	-1.88%
24	SUB-TOTAL	<u>\$ 14,998,160</u>	<u>\$ 21,540,135</u>	<u>\$ 18,968,479</u>	<u>\$ 3,970,319</u>	<u>26.47%</u>
NORTHERN GROUP -						
25	LAKESIDE SYSTEM	\$ 2,588,849	\$ 2,868,204	\$ 2,482,446	\$ (106,403)	-4.11%
26	OVERGAARD SYSTEM	1,685,650	1,640,619	1,435,832	(249,818)	-14.82%
27	SEDONA SYSTEM	3,521,358	5,926,065	4,474,090	952,732	27.06%
28	PINEWOOD SYSTEM	1,046,742	1,183,734	1,069,244	22,502	2.15%
29	RIMROCK SYSTEM	507,869	780,936	870,727	362,858	71.45%
30	SUB-TOTAL	<u>\$ 9,350,468</u>	<u>\$ 12,399,558</u>	<u>\$ 10,332,339</u>	<u>\$ 981,871</u>	<u>10.50%</u>
31	Unreconciled Difference vs. Billed Revenues Rounding		949	(949)	(949)	
32	TOTAL OPERATING REVENUE	<u>43,361,926</u>	<u>58,804,053</u>	<u>51,102,014</u>	<u>\$ 7,740,090</u>	<u>17.85%</u>

RATE DESIGN AND PROOF OF RECOMMENDED REVENUE

LINE NO.	DESCRIPTION	(A) PRESENT REVENUE	(B) COMPANY PROPOSED REVENUE	(C) RUCO PROPOSED REVENUE	(D) RUCO RECOM'D INCREASE	(E) RUCO PERCENTAGE INCREASE
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EASTERN GROUP - SUMMARY SCHEDULE

11	RESIDENTIAL CUSTOMERS	\$ 13,749,222	\$ 18,508,679	\$ 16,085,272	\$ 2,336,051	16.99%
12	COMMERCIAL CUSTOMERS	3,878,018	4,819,620	4,252,444	374,426	9.66%
13	INDUSTRIAL CUSTOMERS	137,244	137,138	150,659	13,415	9.77%
14	PRIVATE FIRE SERVICE CUSTOMERS	12,105	60,525	60,525	48,420	400.00%
15	OTHER WATER REVENUE CUSTOMERS	437,496	538,236	454,031	16,535	3.78%
16	TOTAL REVENUE	<u>\$ 18,214,084</u>	<u>\$ 24,064,199</u>	<u>\$ 21,002,931</u>	<u>\$ 2,788,847</u>	<u>15.31%</u>
17	MISCELLANEOUS REVENUE	799,213	799,213	799,213	-	0.00%
18	Unreconciled Difference vs. Billed Revenues		253	(253)	(253)	
19	Consolidated Revenue Adjustment: Winkleman & Miami		-	157,351		
20	TOTAL OPERATING REVENUE	<u>\$ 19,013,297</u>	<u>\$ 24,863,665</u>	<u>\$ 21,959,242</u>	<u>\$ 2,788,594</u>	<u>14.67%</u>

WESTERN GROUP - SUMMARY SCHEDULE

21	RESIDENTIAL CUSTOMERS	\$ 9,544,649	\$ 14,078,127	\$ 12,274,587	\$ 2,729,938	28.60%
22	COMMERCIAL CUSTOMERS	3,075,479	4,627,019	4,062,637	987,158	32.10%
23	INDUSTRIAL CUSTOMERS	1,112,540	1,140,440	1,049,748	(62,792)	-5.64%
24	PRIVATE FIRE SERVICE CUSTOMERS	15,357	75,225	75,225	59,868	389.84%
25	OTHER WATER REVENUE CUSTOMERS	591,937	961,125	848,084	256,147	43.27%
26	TOTAL REVENUE	<u>\$ 14,339,963</u>	<u>\$ 20,881,936</u>	<u>\$ 18,310,281</u>	<u>\$ 3,970,318</u>	<u>27.69%</u>
27	MISCELLANEOUS REVENUE	658,198	658,198	658,198	-	0.00%
28	Unreconciled Difference vs. Billed Revenues		(648)	648	648	
29	Consolidated Revenue Adjustment: Stanfield		-	(60,229)		
30	TOTAL OPERATING REVENUE	<u>\$ 14,998,161</u>	<u>\$ 21,539,486</u>	<u>\$ 18,908,899</u>	<u>\$ 3,970,967</u>	<u>26.48%</u>

NORTHERN GROUP - SUMMARY SCHEDULE

31	RESIDENTIAL CUSTOMERS	\$ 7,664,876	\$ 9,714,140	\$ 8,145,439	\$ 480,563	6.27%
32	COMMERCIAL CUSTOMERS	1,502,625	2,414,083	1,937,559	434,934	28.94%
33	INDUSTRIAL CUSTOMERS	6,176	6,420	4,919	(1,257)	-20.35%
34	PRIVATE FIRE SERVICE CUSTOMERS	10,680	53,400	53,400	42,720	400.00%
35	OTHER WATER REVENUE CUSTOMERS	72,221	117,628	97,135	24,913	34.50%
36	TOTAL REVENUE	<u>\$ 9,256,578</u>	<u>\$ 12,305,670</u>	<u>\$ 10,238,451</u>	<u>\$ 981,873</u>	<u>10.61%</u>
37	MISCELLANEOUS REVENUE	93,888	93,888	93,888	(0)	0.00%
38	Unreconciled Difference vs. Billed Revenues		1,344	(1,344)	(1,344)	
39	Consolidated Revenue Adjustment: Rimrock		-	(97,122)		
40	TOTAL OPERATING REVENUE	<u>\$ 9,350,466</u>	<u>\$ 12,400,903</u>	<u>\$ 10,233,873</u>	<u>\$ 980,529</u>	<u>10.49%</u>

**EASTERN GROUP - SUMMARY SCHEDULE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED CUSTOMERS	(B) TEST YEAR ADJUSTED USAGE (M/Gals)	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	358,042	2,558,156	\$ 13,012,321	
2	1" Meter	23,107	265,574	1,709,679	
3	2" Meter	864	118,376	453,998	
4	3" Meter	48	17,830	63,286	
5	4" Meter	132	87,216	314,389	
6	6" Meter	156	138,585	531,599	
7	8" Meter				
8	10" Meter				
9	Total Residential Customer Bill Determinants	<u>382,349</u>	<u>3,185,738</u>	\$ -	
10	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 16,085,272</u>
COMMERCIAL CUSTOMERS					
11	5/8" X 3/4" Meter	9,922	71,141	\$ 423,076	
12	1" Meter	4,879	137,081	660,632	
13	2" Meter	3,676	361,459	1,739,548	
14	3" Meter	384	115,339	451,964	
15	4" Meter	241	92,634	344,919	
16	6" Meter	181	107,438	589,389	
17	8" Meter	24	4,588	42,916	
18	10" Meter				
19	Total Commercial Customer Bill Determinants	<u>19,307</u>	<u>889,680</u>		
20	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 4,252,444</u>
INDUSTRIAL CUSTOMERS					
21	5/8" X 3/4" Meter			\$ -	
22	1" Meter	72	877	5,688	
23	2" Meter	84	19,169	109,176	
24	3" Meter	24	8,687	35,795	
25	4" Meter				
26	6" Meter				
27	8" Meter				
28	10" Meter				
29	Total Industrial Customer Bill Determinants	<u>180</u>	<u>28,733</u>		
30	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 150,659</u>
PRIVATE FIRE SERVICE CUSTOMERS					
31	Total Private Fire Service Customers	<u>2,421</u>		<u>\$ 60,525</u>	
32	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 60,525</u>

**EASTERN GROUP - SUMMARY SCHEDULE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED CUSTOMERS	(B) TEST YEAR ADJUSTED USAGE (M/Gals)	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
OTHER WATER REVENUE CUSTOMERS					
33	Public Fire Hydrant			\$ -	
34	Coin Machine	12	6,653	23,464	
35	Construction Water 2" Meter				
36	Construction Water 3" Meter	690	63,680	378,466	
37	Construction Water 4" Meter	29	7,253	35,942	
38	Sales For Resales 2" Meter				
39	Sales For Resales 3" Meter				
40	Sales For Resales 6" Meter	11	2,364	16,158	
41	Total Other Water Revenue Customer Bills	<u>742</u>	<u>79,949</u>		
42	TOTAL OTHER WATER CUSTOMERS REVENUE	402,566			<u>\$ 454,031</u>
43	TOTAL RUCO PROPOSED REVENUE PER BILL COUNT				<u>\$ 21,002,931</u>
44	Unreconciled Difference vs. Billed Revenues				-
45	Consolidated Revenue Adjustment				157,351
46	Miscellaneous Revenues				799,213
47	TOTAL REVENUE				<u>\$ 21,959,495</u>
48	ADJUSTED TEST-YEAR REVENUE PER FILING				<u>\$ 21,802,144</u>
49	Difference				\$ 157,351
50	Percentage Difference				0.72%

**WESTERN GROUP - SUMMARY SCHEDULE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED CUSTOMERS	(B) TEST YEAR ADJUSTED USAGE (M/Gals)	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	326,730	2,955,877	\$ 10,723,890	
2	1" Meter	6,785	172,609	637,229	
3	2" Meter	1,056	195,453	525,535	
4	3" Meter	97	50,463	123,752	
5	4" Meter	27	31,534	74,939	
6	6" Meter	96	63,551	189,242	
7	8" Meter				
8	10" Meter				
9	Total Residential Customer Bill Determinants	<u>334,791</u>	<u>3,469,486</u>	\$ -	
10	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 12,274,587</u>
COMMERCIAL CUSTOMERS					
11	5/8" X 3/4" Meter	11,689	116,963	\$ 442,176	
12	1" Meter	5,810	188,433	649,597	
13	2" Meter	4,731	687,675	1,945,703	
14	3" Meter	336	88,205	255,578	
15	4" Meter	265	220,580	536,104	
16	6" Meter	106	83,919	233,479	
17	8" Meter	-	-	-	
18	10" Meter	-	-	-	
19	Total Commercial Customer Bill Determinants	<u>22,937</u>	<u>1,385,775</u>		
20	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 4,062,637</u>
INDUSTRIAL CUSTOMERS					
21	5/8" X 3/4" Meter	72	819	\$ 2,312	
22	1" Meter	108	3,742	10,061	
23	2" Meter	147	19,730	50,836	
24	3" Meter	-	-	-	
25	4" Meter	36	39,166	71,354	
26	6" Meter	36	572,691	871,502	
27	8" Meter	12	19,683	43,683	
28	10" Meter	-	-	-	
29	Total Industrial Customer Bill Determinants	<u>411</u>	<u>655,830</u>		
30	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 1,049,748</u>
PRIVATE FIRE SERVICE CUSTOMERS					
31	Total Private Fire Service Customers	<u>3,009</u>		<u>\$ 75,225</u>	
32	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 75,225</u>

**WESTERN GROUP - SUMMARY SCHEDULE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED CUSTOMERS	(B) TEST YEAR ADJUSTED USAGE (M/Gals)	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
OTHER WATER REVENUE CUSTOMERS					
33	Public Fire Hydrant	-	-	\$ -	
34	Coin Machine	39	5,983	18,420	
35	Construction Water 2" Meter	-	-	-	
36	Construction Water 3" Meter	1,037	161,710	577,183	
37	Construction Water 4" Meter	222	77,148	242,903	
38	Sales For Resales 2" Meter	-	-	-	
39	Sales For Resales 3" Meter	14	4,174	9,579	
40	Sales For Resales 6" Meter	-	-	-	
41	Total Other Water Revenue Customer Bills	<u>1,312</u>	<u>249,015</u>		
42	TOTAL OTHER WATER CUSTOMERS REVENUE		359,412		<u>\$ 848,084</u>
43	TOTAL RUCO PROPOSED REVENUE PER BILL COUNT				<u>\$ 18,310,281</u>
44	Unreconciled Difference vs. Billed Revenues				-
45	Consolidated Revenue Adjustment				(60,229)
46	Miscellaneous Revenues				658,198
47	TOTAL REVENUE				<u>\$ 18,908,250</u>
48	ADJUSTED TEST-YEAR REVENUE PER FILING				<u>\$ 18,968,479</u>
49	Difference				\$ (60,229)
50	Percentage Difference				-0.32%

**NORTHERN GROUP - SUMMARY SCHEDULE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED CUSTOMERS	(B) TEST YEAR ADJUSTED USAGE (M/Gals)	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	216,417	1,186,952	\$ 7,315,663	
2	1" Meter	6,157	98,592	510,594	
3	2" Meter	602	42,949	216,608	
4	3" Meter	12	3,034	18,088	
5	4" Meter	24	10,595	46,727	
6	6" Meter	12	12,219	37,758	
7	8" Meter				
8	10" Meter				
9	Total Residential Customer Bill Determinants	<u>223,224</u>	<u>1,354,340</u>	\$ -	
10	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 8,145,439</u>
COMMERCIAL CUSTOMERS					
11	5/8" X 3/4" Meter	6,233	71,468	\$ 334,745	
12	1" Meter	3,236	104,258	442,929	
13	2" Meter	2,226	185,258	827,957	
14	3" Meter	72	36,729	114,823	
15	4" Meter	95	31,185	111,385	
16	6" Meter	24	13,583	57,120	
17	8" Meter	12	14,365	48,599	
18	10" Meter				
19	Total Commercial Customer Bill Determinants	<u>11,898</u>	<u>456,846</u>		
20	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 1,937,559</u>
INDUSTRIAL CUSTOMERS					
21	5/8" X 3/4" Meter	30	194	\$ 870	
22	1" Meter	24	961	4,049	
23	2" Meter	-	-	-	
24	3" Meter	-	-	-	
25	4" Meter				
26	6" Meter				
27	8" Meter				
28	10" Meter				
29	Total Industrial Customer Bill Determinants	<u>54</u>	<u>1,155</u>		
30	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 4,919</u>
PRIVATE FIRE SERVICE CUSTOMERS					
31	Total Private Fire Service Customers	<u>2,136</u>		<u>\$ 53,400</u>	
32	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 53,400</u>

**NORTHERN GROUP - SUMMARY SCHEDULE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED CUSTOMERS	(B) TEST YEAR ADJUSTED USAGE (M/Gals)	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
OTHER WATER REVENUE CUSTOMERS					
33	Public Fire Hydrant			\$ -	
34	Coin Machine	11	248	756	
35	Construction Water 2" Meter	1	3	130	
36	Construction Water 3" Meter	158	14,883	96,249	
37	Construction Water 4" Meter			-	
38	Sales For Resales 2" Meter				
39	Sales For Resales 3" Meter				
40	Sales For Resales 6" Meter	-	-	-	
41	Total Other Water Revenue Customer Bills	<u>170</u>	<u>15,134</u>		
42	TOTAL OTHER WATER CUSTOMERS REVENUE		235,335		<u>\$ 97,135</u>
43	TOTAL RUCO PROPOSED REVENUE PER BILL COUNT				<u>\$ 10,238,451</u>
44	Unreconciled Difference vs. Billed Revenues				-
45	Consolidated Revenue Adjustment				(97,122)
46	Miscellaneous Revenues				93,888
47	TOTAL REVENUE				<u>\$ 10,235,217</u>
48	ADJUSTED TEST-YEAR REVENUE PER FILING				<u>\$ 10,332,339</u>
49	Difference				\$ (97,122)
50	Percentage Difference				-0.94%
					\$ 0

**EASTERN GROUP - SUPERSTITION
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	219,089	\$ 15.41	\$ 3,376,349	\$ 3,376,349
	Commodity Usage				
2	First Tier - First 3,000 Gals.	574,610	\$ 2.1693	\$ 1,246,527	
3	Second Tier - Next 7,000 Gals.	672,590	\$ 2.7121	\$ 1,824,135	
4	Third Tier - Over 10,000 Gals.	364,927	\$ 3.3899	\$ 1,237,072	\$ 4,307,734
5	1" Meter	20,982	\$ 38.53	\$ 808,376	\$ 808,376
	Commodity Usage				
6	First Tier - First 10,000 Gals.	131,743	\$ 2.7121	\$ 357,300	
7	Second Tier - Over 10,000 Gals.	106,808	\$ 3.3899	\$ 362,072	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 719,372
9	2" Meter	731	\$ 123.29	\$ 90,123	\$ 90,123
	Commodity Usage				
10	First Tier - First 125,000 Gals.	65,837	\$ 2.7121	\$ 178,556	
11	Second Tier - Over 125,000 Gals.	34,446	\$ 3.3899	\$ 116,769	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 295,326
13	3" Meter	48	\$ 246.57	\$ 11,836	\$ 11,836
	Commodity Usage				
14	First Tier - First 300,000 Gals.	13,269	\$ 2.7121	\$ 35,986	
15	Second Tier - Over 300,000 Gals.	4,562	\$ 3.3899	\$ 15,464	
16	Third Tier - Over 300,000 Gals.	-	\$ -	\$ -	\$ 51,450
17	4" Meter	132	\$ 385.27	\$ 50,856	\$ 50,856
	Commodity Usage				
18	First Tier - First 490,000 Gals.	47,392	\$ 2.7121	\$ 128,531	
19	Second Tier - Over 490,000 Gals.	39,825	\$ 3.3899	\$ 135,002	
20	Third Tier - Over 490,000 Gals.	-	\$ -	\$ -	\$ 263,533
21	6" Meter	156	\$ 770.54	\$ 120,205	\$ 120,205
	Commodity Usage				
22	First Tier - First 925,000 Gals.	86,157	\$ 2.7121	\$ 233,667	
23	Second Tier - Over 925,000 Gals.	52,428	\$ 3.3899	\$ 177,728	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 411,395
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 2.7121	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 3.3899	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 2.7121	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 3.3899	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>241,138</u>		<u>\$ 4,457,744</u>	
34	Total Residential Usage	<u>2,194,593</u>		<u>\$ 6,048,810</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 10,506,553</u>

**EASTERN GROUP - SUPERSTITION
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	3,120	\$ 15.41	\$ 48,082	\$ 48,082
	Commodity Usage				
37	First Tier - First 10,000 Gals.	14,296	\$ 2.9046	\$ 41,524	
38	Second Tier - Over 10,000 Gals.	18,048	\$ 3.6305	\$ 65,524	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 107,048
40	1" Meter	2,897	\$ 38.53	\$ 111,613	\$ 111,613
	Commodity Usage				
41	First Tier - First 40,000 Gals.	49,834	\$ 2.9046	\$ 144,745	
42	Second Tier - Over 40,000 Gals.	49,000	\$ 3.6305	\$ 177,892	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 322,637
44	2" Meter	2,002	\$ 123.29	\$ 246,820	\$ 246,820
	Commodity Usage				
45	First Tier - First 125,000 Gals.	118,162	\$ 2.9046	\$ 343,209	
46	Second Tier - Over 125,000 Gals.	78,831	\$ 3.6305	\$ 286,195	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 629,403
48	3" Meter	262	\$ 246.57	\$ 64,602	\$ 64,602
	Commodity Usage				
49	First Tier - First 300,000 Gals.	39,081	\$ 2.9046	\$ 113,513	
50	Second Tier - Over 300,000 Gals.	42,413	\$ 3.6305	\$ 153,981	
51	Third Tier - Over 300,000 Gals.	-	\$ -	\$ -	\$ 267,494
52	4" Meter	127	\$ 385.27	\$ 48,929	\$ 48,929
	Commodity Usage				
53	First Tier - First 490,000 Gals.	18,358	\$ 2.9046	\$ 53,323	
54	Second Tier - Over 490,000 Gals.	26,397	\$ 3.6305	\$ 95,832	
55	Third Tier - Over 490,000 Gals.	-	\$ -	\$ -	\$ 149,155
56	6" Meter	109	\$ 770.54	\$ 83,989	\$ 83,989
	Commodity Usage				
57	First Tier - First 925,000 Gals.	46,856	\$ 2.9046	\$ 136,097	
58	Second Tier - Over 925,000 Gals.	34,096	\$ 3.6305	\$ 123,787	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 259,883
60	8" Meter	24	\$ 1,232.87	\$ 29,589	\$ 29,589
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	4,588	\$ 2.9046	\$ 13,327	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 3.6305	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ 13,327
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 2.9046	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 3.6305	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>8,541</u>		<u>\$ 633,625</u>	
69	Total Commercial Usage	<u>539,961</u>		<u>\$ 1,748,949</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 2,382,574</u>

**EASTERN GROUP - SUPERSTITION
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 3,2498	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2498	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	48	\$ 38.53	\$ 1,849	\$ 1,849
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	841	\$ 3,2498	\$ 2,733	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2498	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 2,733
79	2" Meter	12	\$ 123.29	\$ 1,479	\$ 1,479
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	427	\$ 3,2498	\$ 1,389	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2498	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 1,389
83	3" Meter	12	\$ 246.57	\$ 2,959	\$ 2,959
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	7,883	\$ 3,2498	\$ 25,619	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2498	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 25,619
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 3,2498	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2498	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 3,2498	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2498	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 3,2498	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2498	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 3,2498	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2498	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>72</u>		<u>\$ 6,288</u>	
104	Total Industrial Usage	<u>9,152</u>		<u>\$ 29,741</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 36,028</u>

**EASTERN GROUP - SUPERSTITION
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	1,657	\$ 25.00	\$ 41,425	\$ 41,425
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>1,657</u>		<u>\$ 41,425</u>	
115	TOTAL PRIVATE FIRES SERVICE CUSTOMERS REVENUE				<u>\$ 41,425</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	12	\$ -	\$ -	\$ -
118	Commodity Usage	6,653	70.88	\$ 23,464	\$ 23,464
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 2.9046	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 3.6305	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	548	\$ 246.57	\$ 135,122	\$ 135,122
124	First Tier - First 300,000 Gals.	30,210	\$ 2.9046	\$ 87,746	
125	Second Tier - Over 300,000 Gals.	20,469	\$ 3.6305	\$ 74,313	
126	Third Tier - Over 300,000 Gals.	-	\$ -	\$ -	\$ 162,059
127	Construction Water 4" Meter Commodity Usage	15	\$ 385.27	\$ 5,779	\$ 5,779
128	First Tier - First 490,000 Gals.	1,965	\$ 2.9046	\$ 5,706	
129	Second Tier - Over 490,000 Gals.	5,224	\$ 3.6305	\$ 18,965	
130	Third Tier - Over 490,000 Gals.	-	\$ -	\$ -	\$ 24,671
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 3.2498	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 3.2498	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 3.2498	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 3.2498	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**EASTERN GROUP - SUPERSTITION
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	11	\$ 770.54	\$ 8,476	\$ 8,476
140	First Tier - First 1,000,000 Gals.	2,225	\$ 3,2498	\$ 7,231	
141	Second Tier - Next 1,000,000 Gals.	139	\$ 3,2498	\$ 452	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ 7,683
143	Total Other Water Revenue Customer Bills	<u>586</u>		<u>\$ 149,377</u>	
144	Total Other Water Revenue Usage	<u>66,884</u>		<u>\$ 217,877</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 367,254</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 5,288,459</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 8,045,376</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 13,333,835</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				716,166
151	RUCO TOTAL REVENUE				<u>\$ 14,050,001</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 14,050,001
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (157,394)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 13,892,607

**EASTERN GROUP - SUPERSTITION
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 12.54	\$ 3.48	\$ 16.02	\$ 19.00		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 10,000	1st Tier - First 3,000	\$ 1.9688	\$ 0.4370	\$ 2.4058	\$ 2.5700	\$ 2.1693		
3	2nd Tier - Next 15,000	2nd Tier - Next 7,000	\$ 2.4610	\$ 0.4370	\$ 2.8980	\$ 3.2130	\$ 2.7121		
4	3rd Tier - Over 25,000	3rd Tier - Over 10,000	\$ 2.9532	\$ 0.4370	\$ 3.3902	\$ 4.0160	\$ 3.3899		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 7358	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		1,840	25.00%	16.16	4.28	\$ 20.45	\$ 19.40	\$ (1.04)	-5.11%
6		3,679	50.00%	19.78	5.09	\$ 24.87	\$ 23.76	\$ (1.11)	-4.47%
7		7,358	100.00%	27.03	6.70	\$ 33.72	\$ 33.74	\$ 0.02	0.05%
8		11,037	150.00%	34.78	8.30	\$ 43.08	\$ 44.42	\$ 1.34	3.10%
9		14,716	200.00%	43.83	9.91	\$ 53.74	\$ 56.89	\$ 3.15	5.85%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 5403	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,351	25.00%	15.20	4.07	\$ 19.27	\$ 18.34	\$ (0.93)	-4.82%
11		2,702	50.00%	17.86	4.66	\$ 22.52	\$ 21.27	\$ (1.25)	-5.54%
12		5,403	100.00%	23.18	5.84	\$ 29.02	\$ 28.44	\$ (0.58)	-2.01%
13		8,105	150.00%	28.50	7.02	\$ 35.52	\$ 35.76	\$ 0.25	0.69%
14		10,806	200.00%	34.21	8.20	\$ 42.41	\$ 43.64	\$ 1.22	2.88%

**EASTERN GROUP - BISBEE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	37,022	\$ 15.41	\$ 570,541	\$ 570,541
	Commodity Usage				
2	First Tier - First 3,000 Gals.	84,104	\$ 3.2388	\$ 272,392	
3	Second Tier - Next 7,000 Gals.	77,072	\$ 4.0482	\$ 312,006	
4	Third Tier - Over 10,000 Gals.	31,900	\$ 5.0603	\$ 161,421	\$ 745,819
5	1" Meter	423	\$ 38.53	\$ 16,297	\$ 16,297
	Commodity Usage				
6	First Tier - First 10,000 Gals.	2,816	\$ 4.0482	\$ 11,400	
7	Second Tier - Over 10,000 Gals.	2,183	\$ 5.0603	\$ 11,047	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 22,447
9	2" Meter	85	\$ 123.29	\$ 10,479	\$ 10,479
	Commodity Usage				
10	First Tier - First 80,000 Gals.	3,784	\$ 4.0482	\$ 15,318	
11	Second Tier - Over 80,000 Gals.	1,172	\$ 5.0603	\$ 5,932	
12	Third Tier - Over 80,000 Gals.	-	\$ -	\$ -	\$ 21,250
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 175,000 Gals.	-	\$ 4.0482	\$ -	
15	Second Tier - Over 175,000 Gals.	-	\$ 5.0603	\$ -	
16	Third Tier - Over 175,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 290,000 Gals.	-	\$ 4.0482	\$ -	
19	Second Tier - Over 290,000 Gals.	-	\$ 5.0603	\$ -	
20	Third Tier - Over 290,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 625,000 Gals.	-	\$ 4.0482	\$ -	
23	Second Tier - Over 625,000 Gals.	-	\$ 5.0603	\$ -	
24	Third Tier - Over 625,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,000,000 Gals.	-	\$ 4.0482	\$ -	
27	Second Tier - Over 1,000,000 Gals.	-	\$ 5.0603	\$ -	
28	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 1,200,000 Gals.	-	\$ 4.0482	\$ -	
31	Second Tier - Over 1,200,000 Gals.	-	\$ 5.0603	\$ -	
32	Third Tier - Over 1,200,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>37,530</u>		<u>\$ 597,317</u>	
34	Total Residential Usage	<u>203,031</u>		<u>\$ 789,516</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 1,386,833</u>

**EASTERN GROUP - BISBEE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	2,545	\$ 15.41	\$ 39,221	\$ 39,221
	Commodity Usage				
37	First Tier - First 10,000 Gals.	8,221	\$ 4.0482	\$ 33,280	
38	Second Tier - Over 10,000 Gals.	3,651	\$ 5.0603	\$ 18,473	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 51,753
40	1" Meter	550	\$ 38.53	\$ 21,190	\$ 21,190
	Commodity Usage				
41	First Tier - First 25,000 Gals.	6,266	\$ 4.0482	\$ 25,365	
42	Second Tier - Over 25,000 Gals.	4,872	\$ 5.0603	\$ 24,653	
43	Third Tier - Over 25,000 Gals.	-	\$ -	\$ -	\$ 50,018
44	2" Meter	504	\$ 123.29	\$ 62,137	\$ 62,137
	Commodity Usage				
45	First Tier - First 85,000 Gals.	21,013	\$ 4.0482	\$ 85,064	
46	Second Tier - Over 85,000 Gals.	41,690	\$ 5.0603	\$ 210,962	
47	Third Tier - Over 85,000 Gals.	-	\$ -	\$ -	\$ 296,026
48	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
49	First Tier - First 175,000 Gals.	-	\$ 4.0482	\$ -	
50	Second Tier - Over 175,000 Gals.	-	\$ 5.0603	\$ -	
51	Third Tier - Over 175,000 Gals.	-	\$ -	\$ -	\$ -
52	4" Meter	36	\$ 385.27	\$ 13,870	\$ 13,870
	Commodity Usage				
53	First Tier - First 290,000 Gals.	4,917	\$ 4.0482	\$ 19,905	
54	Second Tier - Over 290,000 Gals.	3,371	\$ 5.0603	\$ 17,058	
55	Third Tier - Over 290,000 Gals.	-	\$ -	\$ -	\$ 36,963
56	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 625,000 Gals.	-	\$ 4.0482	\$ -	
58	Second Tier - Over 625,000 Gals.	-	\$ 5.0603	\$ -	
59	Third Tier - Over 625,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,000,000 Gals.	-	\$ 4.0482	\$ -	
62	Second Tier - Over 1,000,000 Gals.	-	\$ 5.0603	\$ -	
63	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 1,200,000 Gals.	-	\$ 4.0482	\$ -	
66	Second Tier - Over 1,200,000 Gals.	-	\$ 5.0603	\$ -	
67	Third Tier - Over 1,200,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>3,635</u>		<u>\$ 136,417</u>	
69	Total Commercial Usage	<u>94,000</u>		<u>\$ 434,760</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 571,177</u>

EASTERN GROUP - BISBEE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 5.0603	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 5.0603	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	12	\$ 38.53	\$ 462	\$ 462
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	32	\$ 5.0603	\$ 162	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 5.0603	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 162
79	2" Meter	12	\$ 123.29	\$ 1,479	\$ 1,479
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	0	\$ 5.0603	\$ 1	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 5.0603	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 1
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 5.0603	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 5.0603	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 5.0603	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 5.0603	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 5.0603	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 5.0603	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 5.0603	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 5.0603	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 5.0603	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 5.0603	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>24</u>		<u>\$ 1,942</u>	
104	Total Industrial Usage	<u>32</u>		<u>\$ 162</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 2,104</u>

**EASTERN GROUP - BISBEE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	181	\$ 25.00	\$ 4,525	\$ 4,525
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>181</u>		<u>\$ 4,525</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 4,525</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 85,000 Gals.	-	\$ 4.0482	\$ -	
121	Second Tier - Over 85,000 Gals.	-	\$ 5.0603	\$ -	
122	Third Tier - Over 85,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	21	\$ 246.57	\$ 5,178	\$ 5,178
124	First Tier - First 175,000 Gals.	354	\$ 4.0482	\$ 1,432	
125	Second Tier - Over 175,000 Gals.	23	\$ 5.0603	\$ 117	
126	Third Tier - Over 175,000 Gals.	-	\$ -	\$ -	\$ 1,549
127	Construction Water 4" Meter Commodity Usage	12	\$ 385.27	\$ 4,623	\$ 4,623
128	First Tier - First 290,000 Gals.	-	\$ 4.0482	\$ -	
129	Second Tier - Over 290,000 Gals.	-	\$ 5.0603	\$ -	
130	Third Tier - Over 290,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 5.0603	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 5.0603	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 5.0603	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 5.0603	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**EASTERN GROUP - BISBEE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 5.0603	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 5.0603	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>33</u>		<u>\$ 9,801</u>	
144	Total Other Water Revenue Usage	<u>377</u>		<u>\$ 1,549</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 11,351</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 750,002</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 1,225,987</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 1,975,989</u>
149	Unreconciled Difference vs. Billed Revenues				-
150	Miscellaneous Revenues				23,340
151	RUCO TOTAL REVENUE				<u>\$ 1,999,329</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 1,999,329
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (19,875)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 1,979,454

**EASTERN GROUP - BISBEE
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 16.32	\$ -	\$ 16.32	\$ 15.00		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 10,000	1st Tier - First 3,000	\$ 2.5940	\$ -	\$ 2.59	\$ 3.5170	\$ 3.2388		
3	2nd Tier - Next 15,000	2nd Tier - Next 7,000	\$ 3.2420	\$ -	\$ 3.24	\$ 4.3960	\$ 4.0482		
4	3rd Tier - Over 25,000	3rd Tier - Over 10,000	\$ 3.8900	\$ -	\$ 3.89	\$ 5.4950	\$ 5.0603		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 5215	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		1,304	25.00%	\$ 19.70	\$ -	\$ 19.70	\$ 19.63	\$ (0.07)	-0.35%
6		2,608	50.00%	\$ 23.08	\$ -	\$ 23.08	\$ 23.86	\$ 0.77	3.34%
7		5,215	100.00%	\$ 29.85	\$ -	\$ 29.85	\$ 34.09	\$ 4.25	14.23%
8		7,823	150.00%	\$ 35.20	\$ -	\$ 35.20	\$ 44.65	\$ 9.45	26.84%
9		10,430	200.00%	\$ 43.65	\$ -	\$ 43.65	\$ 55.64	\$ 11.99	27.46%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 3638	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		910	25.00%	\$ 18.68	\$ -	\$ 18.68	\$ 18.36	\$ (0.32)	-1.73%
11		1,819	50.00%	\$ 21.04	\$ -	\$ 21.04	\$ 21.30	\$ 0.26	1.25%
12		3,638	100.00%	\$ 25.76	\$ -	\$ 25.76	\$ 27.71	\$ 1.95	7.58%
13		5,457	150.00%	\$ 30.48	\$ -	\$ 30.48	\$ 35.07	\$ 4.60	15.09%
14		7,276	200.00%	\$ 35.19	\$ -	\$ 35.19	\$ 42.44	\$ 7.24	20.58%

**EASTERN GROUP - SIERRA VISTA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	31,970	\$ 15.41	\$ 492,685	\$ 492,685
	Commodity Usage				
2	First Tier - First 3,000 Gals.	88,022	\$ 0.9885	\$ 87,006	
3	Second Tier - Next 7,000 Gals.	115,468	\$ 1.5267	\$ 176,282	
4	Third Tier - Over 10,000 Gals.	81,807	\$ 1.9091	\$ 156,177	\$ 419,464
5	1" Meter	746	\$ 38.53	\$ 28,741	\$ 28,741
	Commodity Usage				
6	First Tier - First 10,000 Gals.	5,392	\$ 1.5267	\$ 8,231	
7	Second Tier - Over 10,000 Gals.	6,161	\$ 1.9091	\$ 11,761	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 19,992
9	2" Meter	12	\$ 123.29	\$ 1,479	\$ 1,479
	Commodity Usage				
10	First Tier - First 80,000 Gals.	960	\$ 1.5267	\$ 1,466	
11	Second Tier - Over 80,000 Gals.	9,804	\$ 1.9091	\$ 18,717	
12	Third Tier - Over 80,000 Gals.	-	\$ -	\$ -	\$ 20,182
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 175,000 Gals.	-	\$ 1.5267	\$ -	
15	Second Tier - Over 175,000 Gals.	-	\$ 1.9091	\$ -	
16	Third Tier - Over 175,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 290,000 Gals.	-	\$ 1.5267	\$ -	
19	Second Tier - Over 290,000 Gals.	-	\$ 1.9091	\$ -	
20	Third Tier - Over 290,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 625,000 Gals.	-	\$ 1.5267	\$ -	
23	Second Tier - Over 625,000 Gals.	-	\$ 1.9091	\$ -	
24	Third Tier - Over 625,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,000,000 Gals.	-	\$ 1.5267	\$ -	
27	Second Tier - Over 1,000,000 Gals.	-	\$ 1.9091	\$ -	
28	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 1,200,000 Gals.	-	\$ 1.5267	\$ -	
31	Second Tier - Over 1,200,000 Gals.	-	\$ 1.9091	\$ -	
32	Third Tier - Over 1,200,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>32,728</u>		<u>\$ 522,906</u>	
34	Total Residential Usage	<u>307,613</u>		<u>\$ 459,639</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 982,545</u>

**EASTERN GROUP - SIERRA VISTA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	786	\$ 15.41	\$ 12,113	\$ 12,113
	Commodity Usage				
37	First Tier - First 10,000 Gals.	4,133	\$ 1.5267	\$ 6,310	
38	Second Tier - Over 10,000 Gals.	3,087	\$ 1.9083	\$ 5,891	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 12,201
40	1" Meter	473	\$ 38.53	\$ 18,223	\$ 18,223
	Commodity Usage				
41	First Tier - First 25,000 Gals.	6,662	\$ 1.5267	\$ 10,171	
42	Second Tier - Over 25,000 Gals.	4,359	\$ 1.9083	\$ 8,318	
43	Third Tier - Over 25,000 Gals.	-	\$ -	\$ -	\$ 18,489
44	2" Meter	476	\$ 123.29	\$ 58,685	\$ 58,685
	Commodity Usage				
45	First Tier - First 85,000 Gals.	25,385	\$ 1.5267	\$ 38,755	
46	Second Tier - Over 85,000 Gals.	21,025	\$ 1.9083	\$ 40,123	
47	Third Tier - Over 85,000 Gals.	-	\$ -	\$ -	\$ 78,878
48	3" Meter	67	\$ 246.57	\$ 16,520	\$ 16,520
	Commodity Usage				
49	First Tier - First 175,000 Gals.	7,960	\$ 1.5267	\$ 12,152	
50	Second Tier - Over 175,000 Gals.	11,815	\$ 1.9083	\$ 22,548	
51	Third Tier - Over 175,000 Gals.	-	\$ -	\$ -	\$ 34,700
52	4" Meter	30	\$ 385.27	\$ 11,558	\$ 11,558
	Commodity Usage				
53	First Tier - First 290,000 Gals.	8,579	\$ 1.5267	\$ 13,097	
54	Second Tier - Over 290,000 Gals.	7,623	\$ 1.9083	\$ 14,547	
55	Third Tier - Over 290,000 Gals.	-	\$ -	\$ -	\$ 27,644
56	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 625,000 Gals.	-	\$ 1.5267	\$ -	
58	Second Tier - Over 625,000 Gals.	-	\$ 1.9083	\$ -	
59	Third Tier - Over 625,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,000,000 Gals.	-	\$ 1.5267	\$ -	
62	Second Tier - Over 1,000,000 Gals.	-	\$ 1.9083	\$ -	
63	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 1,200,000 Gals.	-	\$ 1.5267	\$ -	
66	Second Tier - Over 1,200,000 Gals.	-	\$ 1.9083	\$ -	
67	Third Tier - Over 1,200,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>1,832</u>		<u>\$ 117,099</u>	
69	Total Commercial Usage	<u>100,628</u>		<u>\$ 171,912</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 289,011</u>

**EASTERN GROUP - SIERRA VISTA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 4.0962	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0962	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	-	\$ 38.53	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 4.0962	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0962	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 4.0962	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0962	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 4.0962	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0962	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 4.0962	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0962	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 4.0962	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0962	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 4.0962	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0962	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 4.0962	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0962	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	-			
104	Total Industrial Usage	-			
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				\$ -

**EASTERN GROUP - SIERRA VISTA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	385	\$ 25.00	\$ 9,625	\$ 9,625
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>385</u>		<u>\$ 9,625</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 9,625</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 85,000 Gals.	-	\$ 1.5267	\$ -	
121	Second Tier - Over 85,000 Gals.	-	\$ 1.9083	\$ -	
122	Third Tier - Over 85,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	52	\$ 246.57	\$ 12,822	\$ 12,822
124	First Tier - First 175,000 Gals.	3,223	\$ 1.5267	\$ 4,921	
125	Second Tier - Over 175,000 Gals.	2,596	\$ 1.9083	\$ 4,954	
126	Third Tier - Over 175,000 Gals.	-	\$ -	\$ -	\$ 9,875
127	Construction Water 4" Meter Commodity Usage	2	\$ 385.27	\$ 771	\$ 771
128	First Tier - First 290,000 Gals.	64	\$ 1.5267	\$ 98	
129	Second Tier - Over 290,000 Gals.	-	\$ 1.9083	\$ -	
130	Third Tier - Over 290,000 Gals.	-	\$ -	\$ -	\$ 98
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 4.0962	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 4.0962	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 4.0962	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 4.0962	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**EASTERN GROUP - SIERRA VISTA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 4.0962	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 4.0962	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>54</u>		<u>\$ 13,592</u>	
144	Total Other Water Revenue Usage	<u>5,884</u>		<u>\$ 9,973</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 23,565</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 663,222</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 641,524</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 1,304,746</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				16,645
151	RUCO TOTAL REVENUE				<u>\$ 1,321,391</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 1,321,391
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (17,425)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 1,303,966

**EASTERN GROUP - SIERRA VISTA
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 15.40	\$ -	\$ 15.40	\$ 15.00		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 10,000	1st Tier - First 3,000	\$ 1.6120	\$ -	\$ 1.6120	\$ 1.3260	\$ 0.9885		
3	2nd Tier - Next 15,000	2nd Tier - Next 7,000	\$ 2.0150	\$ -	\$ 2.0150	\$ 2.0480	\$ 1.5267		
4	3rd Tier - Over 25,000	3rd Tier - Over 10,000	\$ 2.4180	\$ -	\$ 2.4180	\$ 2.5610	\$ 1.9091		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 8924	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		2,231	25.00%	\$ 19.00	\$ -	\$ 19.00	\$ 17.62	\$ (1.38)	-7.27%
6		4,462	50.00%	\$ 22.59	\$ -	\$ 22.59	\$ 20.61	\$ (1.98)	-8.78%
7		8,924	100.00%	\$ 29.79	\$ -	\$ 29.79	\$ 27.42	\$ (2.37)	-7.94%
8		13,386	150.00%	\$ 38.34	\$ -	\$ 38.34	\$ 35.53	\$ (2.82)	-7.34%
9		17,848	200.00%	\$ 47.33	\$ -	\$ 47.33	\$ 44.05	\$ (3.29)	-6.95%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 6380	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,595	25.00%	\$ 17.97	\$ -	\$ 17.97	\$ 16.99	\$ (0.98)	-5.47%
11		3,190	50.00%	\$ 20.54	\$ -	\$ 20.54	\$ 18.67	\$ (1.88)	-9.13%
12		6,380	100.00%	\$ 25.68	\$ -	\$ 25.68	\$ 23.54	\$ (2.15)	-8.36%
13		9,570	150.00%	\$ 30.83	\$ -	\$ 30.83	\$ 28.41	\$ (2.42)	-7.85%
14		12,760	200.00%	\$ 37.08	\$ -	\$ 37.08	\$ 34.33	\$ (2.75)	-7.41%

**EASTERN GROUP - SAN MANUEL
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	17,729	\$ 15.41	\$ 273,219	\$ 273,219
	Commodity Usage				
2	First Tier - First 3,000 Gals.	46,628	\$ 3.2092	\$ 149,638	
3	Second Tier - Next 7,000 Gals.	63,777	\$ 4.0112	\$ 255,824	
4	Third Tier - Over 10,000 Gals.	44,626	\$ 5.0137	\$ 223,741	\$ 629,203
5	1" Meter	73	\$ 38.53	\$ 2,812	\$ 2,812
	Commodity Usage				
6	First Tier - First 10,000 Gals.	663	\$ 4.0112	\$ 2,661	
7	Second Tier - Over 10,000 Gals.	998	\$ 5.0137	\$ 5,005	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 7,665
9	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
10	First Tier - First 125,000 Gals.	-	\$ 4.0112	\$ -	
11	Second Tier - Over 125,000 Gals.	-	\$ 5.0137	\$ -	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 325,000 Gals.	-	\$ 4.0112	\$ -	
15	Second Tier - Over 325,000 Gals.	-	\$ 5.0137	\$ -	
16	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 500,000 Gals.	-	\$ 4.0112	\$ -	
19	Second Tier - Over 500,000 Gals.	-	\$ 5.0137	\$ -	
20	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 925,000 Gals.	-	\$ 4.0112	\$ -	
23	Second Tier - Over 925,000 Gals.	-	\$ 5.0137	\$ -	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 4.0112	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 5.0137	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 4.0112	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 5.0137	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>17,802</u>		<u>\$ 276,032</u>	
34	Total Residential Usage	<u>156,692</u>		<u>\$ 636,868</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 912,900</u>

**EASTERN GROUP - SAN MANUEL
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	575	\$ 15.41	\$ 8,861	\$ 8,861
	Commodity Usage				
37	First Tier - First 10,000 Gals.	2,450	\$ 4.0112	\$ 9,828	
38	Second Tier - Over 10,000 Gals.	2,260	\$ 5.0137	\$ 11,332	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 21,159
40	1" Meter	181	\$ 38.53	\$ 6,973	\$ 6,973
	Commodity Usage				
41	First Tier - First 40,000 Gals.	2,568	\$ 4.0112	\$ 10,300	
42	Second Tier - Over 40,000 Gals.	874	\$ 5.0137	\$ 4,381	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 14,681
44	2" Meter	108	\$ 123.29	\$ 13,315	\$ 13,315
	Commodity Usage				
45	First Tier - First 125,000 Gals.	6,966	\$ 4.0112	\$ 27,940	
46	Second Tier - Over 125,000 Gals.	8,078	\$ 5.0137	\$ 40,500	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 68,440
48	3" Meter	12	\$ 246.57	\$ 2,959	\$ 2,959
	Commodity Usage				
49	First Tier - First 325,000 Gals.	456	\$ 4.0112	\$ 1,828	
50	Second Tier - Over 325,000 Gals.	-	\$ 5.0137	\$ -	
51	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 1,828
52	4" Meter	12	\$ 385.27	\$ 4,623	\$ 4,623
	Commodity Usage				
53	First Tier - First 500,000 Gals.	883	\$ 4.0112	\$ 3,542	
54	Second Tier - Over 500,000 Gals.	-	\$ 5.0137	\$ -	
55	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 3,542
56	6" Meter	36	\$ 770.54	\$ 27,740	\$ 27,740
	Commodity Usage				
57	First Tier - First 925,000 Gals.	5,340	\$ 4.0112	\$ 21,419	
58	Second Tier - Over 925,000 Gals.	-	\$ 5.0137	\$ -	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 21,419
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	-	\$ 4.0112	\$ -	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 5.0137	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 4.0112	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 5.0137	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>924</u>		<u>\$ 64,471</u>	
69	Total Commercial Usage	<u>29,874</u>		<u>\$ 131,070</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 195,541</u>

**EASTERN GROUP - SAN MANUEL
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 4.0112	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0112	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	-	\$ 38.53	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 4.0112	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0112	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 4.0112	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0112	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 4.0112	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0112	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 4.0112	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0112	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 4.0112	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0112	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 4.0112	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0112	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 4.0112	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 4.0112	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	-			
104	Total Industrial Usage	-			
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				\$ -

**EASTERN GROUP - SAN MANUEL
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	12	\$ 25.00	\$ 300	\$ 300
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>12</u>		<u>\$ 300</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 300</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 5,0080	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 6,2600	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	16	\$ 246.57	\$ 3,945	\$ 3,945
124	First Tier - First 325,000 Gals.	2,534	\$ 5,0080	\$ 12,689	
125	Second Tier - Over 325,000 Gals.	(288)	\$ 6,2600	\$ (1,800)	
126	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 10,889
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 500,000 Gals.	-	\$ 5,0080	\$ -	
129	Second Tier - Over 500,000 Gals.	-	\$ 6,2600	\$ -	
130	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 6,2600	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 6,2600	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 6,2600	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 6,2600	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**EASTERN GROUP - SAN MANUEL
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 6.2600	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 6.2600	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>16</u>		<u>\$ 3,945</u>	
144	Total Other Water Revenue Usage	<u>2,246</u>		<u>\$ 10,889</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 14,834</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 344,748</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 778,827</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 1,123,575</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				10,413
151	RUCO TOTAL REVENUE				<u>\$ 1,133,988</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 1,133,987
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (9,183)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 1,124,804

**EASTERN GROUP - SAN MANUEL
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 19.94	\$ 4.51	\$ 24.45	\$ 23.40		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 10,000	1st Tier - First 3,000	\$ 1.7040	\$ 0.5026	\$ 2.2066	\$ 2.8170	\$ 3.2092		
3	2nd Tier - Next 15,000	2nd Tier - Next 7,000	\$ 2.1300	\$ 0.5026	\$ 2.6326	\$ 3.5210	\$ 4.0112		
4	3rd Tier - Over 25,000	3rd Tier - Over 10,000	\$ 2.5560	\$ 0.5026	\$ 3.0586	\$ 4.4010	\$ 5.0137		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 8745	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		2,186	25.00%	\$ 23.67	\$ 5.61	\$ 29.27	\$ 22.43	\$ (6.85)	-23.39%
6		4,373	50.00%	\$ 27.39	\$ 6.71	\$ 34.10	\$ 30.54	\$ (3.55)	-10.42%
7		8,745	100.00%	\$ 34.84	\$ 8.91	\$ 43.75	\$ 48.08	\$ 4.34	9.91%
8		13,118	150.00%	\$ 43.62	\$ 11.10	\$ 54.72	\$ 68.75	\$ 14.02	25.63%
9		17,490	200.00%	\$ 52.93	\$ 13.30	\$ 66.23	\$ 90.67	\$ 24.44	36.89%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 6505	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,626	25.00%	\$ 22.71	\$ 5.33	\$ 28.04	\$ 20.63	\$ (7.41)	-26.42%
11		3,253	50.00%	\$ 25.48	\$ 6.14	\$ 31.63	\$ 26.05	\$ (5.58)	-17.63%
12		6,505	100.00%	\$ 31.02	\$ 7.78	\$ 38.80	\$ 39.10	\$ 0.29	0.76%
13		9,758	150.00%	\$ 36.57	\$ 9.41	\$ 45.98	\$ 52.14	\$ 6.16	13.40%
14		13,010	200.00%	\$ 43.39	\$ 11.05	\$ 54.44	\$ 68.21	\$ 13.77	25.29%

**EASTERN GROUP - ORACLE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	16,668	\$ 15.41	\$ 256,868	\$ 256,868
	Commodity Usage				
2	First Tier - First 3,000 Gals.	41,092	\$ 4.2145	\$ 173,182	
3	Second Tier - Next 7,000 Gals.	39,001	\$ 5.9725	\$ 232,931	
4	Third Tier - Over 10,000 Gals.	13,332	\$ 7.4653	\$ 99,525	\$ 505,639
5	1" Meter	590	\$ 38.53	\$ 22,731	\$ 22,731
	Commodity Usage				
6	First Tier - First 10,000 Gals.	3,268	\$ 5.9725	\$ 19,517	
7	Second Tier - Over 10,000 Gals.	2,488	\$ 7.4653	\$ 18,576	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 38,093
9	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
10	First Tier - First 90,000 Gals.	-	\$ 5.9725	\$ -	
11	Second Tier - Over 90,000 Gals.	-	\$ 7.4653	\$ -	
12	Third Tier - Over 90,000 Gals.	-	\$ -	\$ -	\$ -
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 200,000 Gals.	-	\$ 5.9725	\$ -	
15	Second Tier - Over 200,000 Gals.	-	\$ 7.4653	\$ -	
16	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 325,000 Gals.	-	\$ 5.9725	\$ -	
19	Second Tier - Over 325,000 Gals.	-	\$ 7.4653	\$ -	
20	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 675,000 Gals.	-	\$ 5.9725	\$ -	
23	Second Tier - Over 675,000 Gals.	-	\$ 7.4653	\$ -	
24	Third Tier - Over 675,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,000,000 Gals.	-	\$ 5.9725	\$ -	
27	Second Tier - Over 1,000,000 Gals.	-	\$ 7.4653	\$ -	
28	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 2,000,000 Gals.	-	\$ 5.9725	\$ -	
31	Second Tier - Over 2,000,000 Gals.	-	\$ 7.4653	\$ -	
32	Third Tier - Over 2,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>17,258</u>		<u>\$ 279,599</u>	
34	Total Residential Usage	<u>99,180</u>		<u>\$ 543,731</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 823,331</u>

**EASTERN GROUP - ORACLE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	957	\$ 15.41	\$ 14,748	\$ 14,748
	Commodity Usage				
37	First Tier - First 10,000 Gals.	3,192	\$ 5.9725	\$ 19,066	
38	Second Tier - Over 10,000 Gals.	1,153	\$ 7.4653	\$ 8,610	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 27,676
40	1" Meter	233	\$ 38.53	\$ 8,977	\$ 8,977
	Commodity Usage				
41	First Tier - First 30,000 Gals.	1,979	\$ 5.9725	\$ 11,817	
42	Second Tier - Over 30,000 Gals.	230	\$ 7.4653	\$ 1,719	
43	Third Tier - Over 30,000 Gals.	-	\$ -	\$ -	\$ 13,536
44	2" Meter	96	\$ 123.29	\$ 11,836	\$ 11,836
	Commodity Usage				
45	First Tier - First 90,000 Gals.	5,142	\$ 5.9725	\$ 30,709	
46	Second Tier - Over 90,000 Gals.	5,251	\$ 7.4653	\$ 39,199	
47	Third Tier - Over 90,000 Gals.	-	\$ -	\$ -	\$ 69,908
48	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
49	First Tier - First 210,000 Gals.	-	\$ 5.9725	\$ -	
50	Second Tier - Over 210,000 Gals.	-	\$ 7.4653	\$ -	
51	Third Tier - Over 210,000 Gals.	-	\$ -	\$ -	\$ -
52	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
53	First Tier - First 340,000 Gals.	-	\$ 5.9725	\$ -	
54	Second Tier - Over 340,000 Gals.	-	\$ 7.4653	\$ -	
55	Third Tier - Over 340,000 Gals.	-	\$ -	\$ -	\$ -
56	6" Meter	12	\$ 770.54	\$ 9,247	\$ 9,247
	Commodity Usage				
57	First Tier - First 725,000 Gals.	7,383	\$ 5.9725	\$ 44,092	
58	Second Tier - Over 725,000 Gals.	2,217	\$ 7.4653	\$ 16,549	
59	Third Tier - Over 725,000 Gals.	-	\$ -	\$ -	\$ 60,641
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,100,000 Gals.	-	\$ 5.9725	\$ -	
62	Second Tier - Over 1,100,000 Gals.	-	\$ 7.4653	\$ -	
63	Third Tier - Over 1.100,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 2,300,000 Gals.	-	\$ 5.9725	\$ -	
66	Second Tier - Over 2,300,000 Gals.	-	\$ 7.4653	\$ -	
67	Third Tier - Over 2,300,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>1,298</u>		<u>\$ 44,807</u>	
69	Total Commercial Usage	<u>26,546</u>		<u>\$ 171,761</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 216,568</u>

**EASTERN GROUP - ORACLE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 5.9725	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9725	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	-	\$ 38.53	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 5.9725	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9725	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 5.9725	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9725	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 5.9725	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9725	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 5.9725	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9725	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 5.9725	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9725	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 5.9725	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9725	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 5.9725	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9725	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	-			
104	Total Industrial Usage	-			
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				\$ -

**EASTERN GROUP - ORACLE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	12	\$ 25.00	\$ 300	\$ 300
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>12</u>		<u>\$ 300</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 300</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 90,000 Gals.	-	\$ 5.9725	\$ -	
121	Second Tier - Over 90,000 Gals.	-	\$ 7.4653	\$ -	
122	Third Tier - Over 90,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	30	\$ 246.57	\$ 7,397	\$ 7,397
124	First Tier - First 210,000 Gals.	1,892	\$ 5.9725	\$ 11,298	
125	Second Tier - Over 210,000 Gals.	169	\$ 7.4653	\$ 1,263	
126	Third Tier - Over 210,000 Gals.	-	\$ -	\$ -	\$ 12,561
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 340,000 Gals.	-	\$ 5.9725	\$ -	
129	Second Tier - Over 340,000 Gals.	-	\$ 7.4653	\$ -	
130	Third Tier - Over 340,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 5.9725	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 5.9725	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 5.9725	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 5.9725	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**EASTERN GROUP - ORACLE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 5.9725	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 5.9725	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>30</u>		<u>\$ 7,397</u>	
144	Total Other Water Revenue Usage	<u>2,061</u>		<u>\$ 12,561</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 19,958</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 332,103</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 728,054</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 1,060,157</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				11,106
151	RUCO TOTAL REVENUE				<u>\$ 1,071,263</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 1,071,263
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (8,846)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 1,062,417

**EASTERN GROUP - ORACLE
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION				(A)	(B)	(C)	(D)	(E)	(F)	(G)	
					PRESENT			COMPANY PROPOSED		RUCO PROPOSED		
					ORIGINAL RATES	ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES					
RESIDENTIAL (5/8" X 3/4") RATE DESIGN												
1	BASIC MONTHLY CHARGE				\$ 19.31	\$ -	\$ 19.31	\$ 22.16		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)												
	PRESENT		PROPOSED									
2	1st Tier - First	10,000	1st Tier - First	3,000	\$ 4.9850	\$ -	\$ 4.9850	\$ 4.4970		\$ 4.2145		
3	2nd Tier - Next	15,000	2nd Tier - Next	7,000	\$ 6.2310	\$ -	\$ 6.2310	\$ 5.6210		\$ 5.9725		
4	3rd Tier - Over	25,000	3rd Tier - Over	10,000	\$ 7.4770	\$ -	\$ 7.4770	\$ 7.0260		\$ 7.4653		
AVERAGE RESIDENTIAL BILL COMPARISONS												
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL				VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 5605	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5					1,401	25.00%	\$ 26.30	\$ -	\$ 26.30	\$ 21.32	\$ (4.98)	-18.93%
6					2,803	50.00%	\$ 33.28	\$ -	\$ 33.28	\$ 27.22	\$ (6.06)	-18.20%
7					5,605	100.00%	\$ 47.25	\$ -	\$ 47.25	\$ 43.61	\$ (3.64)	-7.70%
8					8,408	150.00%	\$ 61.22	\$ -	\$ 61.22	\$ 60.35	\$ (0.87)	-1.42%
9					11,210	200.00%	\$ 76.70	\$ -	\$ 76.70	\$ 78.89	\$ 2.20	2.86%
MEDIAN RESIDENTIAL BILL COMPARISONS												
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL				VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 4339	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10					1,085	25.00%	\$ 24.72	\$ -	\$ 24.72	\$ 19.98	\$ (4.73)	-19.16%
11					2,170	50.00%	\$ 30.12	\$ -	\$ 30.12	\$ 24.55	\$ (5.57)	-18.49%
12					4,339	100.00%	\$ 40.94	\$ -	\$ 40.94	\$ 36.05	\$ (4.89)	-11.94%
13					6,509	150.00%	\$ 51.75	\$ -	\$ 51.75	\$ 49.01	\$ (2.75)	-5.31%
14					8,678	200.00%	\$ 62.57	\$ -	\$ 62.57	\$ 61.97	\$ (0.60)	-0.96%

**EASTERN GROUP - WINKLEMAN
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	1,729	\$ 15.41	\$ 26,645	\$ 26,645
	Commodity Usage				
2	First Tier - First 3,000 Gals.	4,660	\$ 1.0744	\$ 5,007	
3	Second Tier - Next 7,000 Gals.	6,931	\$ 1.5577	\$ 10,797	
4	Third Tier - Over 10,000 Gals.	4,764	\$ 1.9473	\$ 9,276	\$ 25,080
5	1" Meter	24	\$ 38.53	\$ 925	\$ 925
	Commodity Usage				
6	First Tier - First 10,000 Gals.	240	\$ 1.5577	\$ 374	
7	Second Tier - Over 10,000 Gals.	676	\$ 1.9473	\$ 1,316	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 1,690
9	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
10	First Tier - First 125,000 Gals.	-	\$ 1.5577	\$ -	
11	Second Tier - Over 125,000 Gals.	-	\$ 1.9473	\$ -	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 325,000 Gals.	-	\$ 1.5577	\$ -	
15	Second Tier - Over 325,000 Gals.	-	\$ 1.9473	\$ -	
16	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 500,000 Gals.	-	\$ 1.5577	\$ -	
19	Second Tier - Over 500,000 Gals.	-	\$ 1.9473	\$ -	
20	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 925,000 Gals.	-	\$ 1.5577	\$ -	
23	Second Tier - Over 925,000 Gals.	-	\$ 1.9473	\$ -	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 1.5577	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 1.9473	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 1.5577	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 1.9473	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>1,753</u>		<u>\$ 27,570</u>	
34	Total Residential Usage	<u>17,270</u>		<u>\$ 26,770</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 54,340</u>

**EASTERN GROUP - WINKLEMAN
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	184	\$ 15.41	\$ 2,836	\$ 2,836
	Commodity Usage				
37	First Tier - First 10,000 Gals.	455	\$ 1.5577	\$ 709	
38	Second Tier - Over 10,000 Gals.	987	\$ 1.9473	\$ 1,921	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 2,630
40	1" Meter	12	\$ 38.53	\$ 462	\$ 462
	Commodity Usage				
41	First Tier - First 40,000 Gals.	198	\$ 1.5577	\$ 309	
42	Second Tier - Over 40,000 Gals.	94	\$ 1.9473	\$ 182	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 491
44	2" Meter	36	\$ 123.29	\$ 4,438	\$ 4,438
	Commodity Usage				
45	First Tier - First 125,000 Gals.	2,284	\$ 1.5577	\$ 3,558	
46	Second Tier - Over 125,000 Gals.	200	\$ 1.9473	\$ 388	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 3,947
48	3" Meter	12	\$ 246.57	\$ 2,959	\$ 2,959
	Commodity Usage				
49	First Tier - First 325,000 Gals.	3,260	\$ 1.5577	\$ 5,078	
50	Second Tier - Over 325,000 Gals.	1,610	\$ 1.9473	\$ 3,134	
51	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 8,212
52	4" Meter	24	\$ 385.27	\$ 9,247	\$ 9,247
	Commodity Usage				
53	First Tier - First 500,000 Gals.	7,366	\$ 1.5577	\$ 11,474	
54	Second Tier - Over 500,000 Gals.	2,148	\$ 1.9473	\$ 4,183	
55	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 15,657
56	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 925,000 Gals.	-	\$ 1.5577	\$ -	
58	Second Tier - Over 925,000 Gals.	-	\$ 1.9473	\$ -	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	-	\$ 1.5577	\$ -	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 1.9473	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 1.5577	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 1.9473	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>268</u>		<u>\$ 19,942</u>	
69	Total Commercial Usage	<u>18,601</u>		<u>\$ 30,937</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 50,879</u>

**EASTERN GROUP - WINKLEMAN
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 1.8005	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 1.8005	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	-	\$ 38.53	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 1.8005	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 1.8005	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	12	\$ 123.29	\$ 1,479	\$ 1,479
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	535	\$ 1.8005	\$ 962	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 1.8005	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 962
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 1.8005	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 1.8005	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 1.8005	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 1.8005	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 1.8005	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 1.8005	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 1.8005	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 1.8005	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 1.8005	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 1.8005	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>12</u>		<u>\$ 1,479</u>	
104	Total Industrial Usage	<u>535</u>		<u>\$ 962</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 2,442</u>

**EASTERN GROUP - WINKLEMAN
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	-	\$ 25.00	\$ -	\$ -
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	-			
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				\$ -
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 1.5577	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 1.9473	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	3	\$ 246.57	\$ 740	\$ 740
124	First Tier - First 325,000 Gals.	21	\$ 1.5577	\$ 32	
125	Second Tier - Over 325,000 Gals.	-	\$ 1.9473	\$ -	
126	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 32
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 500,000 Gals.	-	\$ 1.5577	\$ -	
129	Second Tier - Over 500,000 Gals.	-	\$ 1.9473	\$ -	
130	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 1.8005	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 1.8005	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 1.8005	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 1.8005	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**EASTERN GROUP - WINKLEMAN
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 1.8005	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 1.8005	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>3</u>		<u>\$ 740</u>	
144	Total Other Water Revenue Usage	<u>21</u>		<u>\$ 32</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 772</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 49,731</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 58,701</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 108,432</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				1,203
151	RUCO TOTAL REVENUE				<u>\$ 109,635</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 109,635
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ 9,617
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 119,252

**EASTERN GROUP - WINKLEMAN
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 12.95	\$ -	\$ 12.95	\$ 16.19		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 10,000	1st Tier - First 3,000	\$ 1.1360	\$ -	\$ 1.1360	\$ 1.6890	\$ 1.0744		
3	2nd Tier - Next 15,000	2nd Tier - Next 7,000	\$ 1.4200	\$ -	\$ 1.4200	\$ 2.1110	\$ 1.5577		
4	3rd Tier - Over 25,000	3rd Tier - Over 10,000	\$ 1.7040	\$ -	\$ 1.7040	\$ 2.6390	\$ 1.9473		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 9459	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		2,365	25.00%	\$ 15.64	\$ -	\$ 15.64	\$ 17.95	\$ 2.32	14.81%
6		4,730	50.00%	\$ 18.32	\$ -	\$ 18.32	\$ 21.33	\$ 3.01	16.40%
7		9,459	100.00%	\$ 23.70	\$ -	\$ 23.70	\$ 28.70	\$ 5.00	21.10%
8		14,189	150.00%	\$ 30.26	\$ -	\$ 30.26	\$ 37.69	\$ 7.44	24.58%
9		18,918	200.00%	\$ 36.97	\$ -	\$ 36.97	\$ 46.90	\$ 9.93	26.86%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 7329	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,832	25.00%	\$ 15.03	\$ -	\$ 15.03	\$ 17.38	\$ 2.35	15.62%
11		3,665	50.00%	\$ 17.11	\$ -	\$ 17.11	\$ 19.67	\$ 2.56	14.94%
12		7,329	100.00%	\$ 21.28	\$ -	\$ 21.28	\$ 25.38	\$ 4.10	19.28%
13		10,994	150.00%	\$ 25.72	\$ -	\$ 25.72	\$ 31.47	\$ 5.75	22.36%
14		14,658	200.00%	\$ 30.92	\$ -	\$ 30.92	\$ 38.61	\$ 7.68	24.85%

**EASTERN GROUP- MIAMI
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	33,835	\$ 15.41	\$ 521,426	\$ 521,426
	Commodity Usage				
2	First Tier - First 3,000 Gals.	83,297	\$ 3.5368	\$ 294,606	
3	Second Tier - Next 7,000 Gals.	84,770	\$ 4.4217	\$ 374,827	
4	Third Tier - Over 10,000 Gals.	34,779	\$ 5.5268	\$ 192,216	\$ 861,650
5	1" Meter	269	\$ 38.53	\$ 10,364	\$ 10,364
	Commodity Usage				
6	First Tier - First 10,000 Gals.	1,489	\$ 4.4217	\$ 6,584	
7	Second Tier - Over 10,000 Gals.	649	\$ 5.5268	\$ 3,589	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 10,173
9	2" Meter	36	\$ 123.29	\$ 4,438	\$ 4,438
	Commodity Usage				
10	First Tier - First 125,000 Gals.	2,164	\$ 4.4217	\$ 9,569	
11	Second Tier - Over 125,000 Gals.	208	\$ 5.5268	\$ 1,151	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 10,720
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 300,000 Gals.	-	\$ 4.4217	\$ -	
15	Second Tier - Over 300,000 Gals.	-	\$ 5.5268	\$ -	
16	Third Tier - Over 300,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 490,000 Gals.	-	\$ 4.4217	\$ -	
19	Second Tier - Over 490,000 Gals.	-	\$ 5.5268	\$ -	
20	Third Tier - Over 490,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 925,000 Gals.	-	\$ 4.4217	\$ -	
23	Second Tier - Over 925,000 Gals.	-	\$ 5.5268	\$ -	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 4.4217	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 5.5268	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 4.4217	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 5.5268	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>34,140</u>		<u>\$ 536,228</u>	
34	Total Residential Usage	<u>207,357</u>		<u>\$ 882,543</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 1,418,771</u>

**EASTERN GROUP- MIAMI
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	1,755	\$ 15.41	\$ 27,046	\$ 27,046
	Commodity Usage				
37	First Tier - First 10,000 Gals.	5,744	\$ 4.7355	\$ 27,200	
38	Second Tier - Over 10,000 Gals.	3,464	\$ 5.9190	\$ 20,503	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 47,702
40	1" Meter	533	\$ 38.53	\$ 20,535	\$ 20,535
	Commodity Usage				
41	First Tier - First 40,000 Gals.	6,127	\$ 4.7355	\$ 29,016	
42	Second Tier - Over 40,000 Gals.	4,019	\$ 5.9190	\$ 23,789	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 52,805
44	2" Meter	454	\$ 123.29	\$ 55,972	\$ 55,972
	Commodity Usage				
45	First Tier - First 125,000 Gals.	19,126	\$ 4.7355	\$ 90,571	
46	Second Tier - Over 125,000 Gals.	8,308	\$ 5.9190	\$ 49,172	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 139,743
48	3" Meter	31	\$ 246.57	\$ 7,644	\$ 7,644
	Commodity Usage				
49	First Tier - First 300,000 Gals.	5,671	\$ 4.7355	\$ 26,855	
50	Second Tier - Over 300,000 Gals.	3,073	\$ 5.9190	\$ 18,190	
51	Third Tier - Over 300,000 Gals.	-	\$ -	\$ -	\$ 45,045
52	4" Meter	12	\$ 385.27	\$ 4,623	\$ 4,623
	Commodity Usage				
53	First Tier - First 490,000 Gals.	5,880	\$ 4.7355	\$ 27,845	
54	Second Tier - Over 490,000 Gals.	7,112	\$ 5.9190	\$ 42,096	
55	Third Tier - Over 490,000 Gals.	-	\$ -	\$ -	\$ 69,941
56	6" Meter	24	\$ 770.54	\$ 18,493	\$ 18,493
	Commodity Usage				
57	First Tier - First 925,000 Gals.	9,460	\$ 4.7355	\$ 44,798	
58	Second Tier - Over 925,000 Gals.	2,086	\$ 5.9190	\$ 12,347	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 57,145
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	-	\$ 4.7355	\$ -	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 5.9190	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 4.7355	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 5.9190	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>2,809</u>		<u>\$ 134,313</u>	
69	Total Commercial Usage	<u>80,070</u>		<u>\$ 412,381</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 546,694</u>

**EASTERN GROUP- MIAMI
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 5,2983	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 5,2983	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	12	\$ 38.53	\$ 462	\$ 462
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	4	\$ 5,2983	\$ 19	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 5,2983	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 19
79	2" Meter	48	\$ 123.29	\$ 5,918	\$ 5,918
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	18,207	\$ 5,2983	\$ 96,468	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 5,2983	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 96,468
83	3" Meter	12	\$ 246.57	\$ 2,959	\$ 2,959
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	804	\$ 5,2983	\$ 4,259	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 5,2983	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 4,259
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 5,2983	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 5,2983	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 5,2983	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 5,2983	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 5,2983	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 5,2983	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 5,2983	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 5,2983	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>72</u>		<u>\$ 9,339</u>	
104	Total Industrial Usage	<u>19,015</u>		<u>\$ 100,746</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 110,085</u>

**EASTERN GROUP- MIAMI
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	174	\$ 25.00	\$ 4,350	\$ 4,350
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>174</u>		<u>\$ 4,350</u>	
115	TOTAL PRIVATE FIRES SERVICE CUSTOMERS REVENUE				<u>\$ 4,350</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 4.7355	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 4.4656	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	20	\$ 246.57	\$ 4,931	\$ 4,931
124	First Tier - First 300,000 Gals.	1,128	\$ 4.7355	\$ 5,344	
125	Second Tier - Over 300,000 Gals.	1,348	\$ 4.4656	\$ 6,021	
126	Third Tier - Over 300,000 Gals.	-	\$ -	\$ -	\$ 11,365
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 490,000 Gals.	-	\$ 4.7355	\$ -	
129	Second Tier - Over 490,000 Gals.	-	\$ 4.4656	\$ -	
130	Third Tier - Over 490,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 5.2983	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 5.2983	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 5.2983	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 5.2983	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**EASTERN GROUP- MIAMI
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 5,2983	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 5,2983	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>20</u>		<u>\$ 4,931</u>	
144	Total Other Water Revenue Usage	<u>2,477</u>		<u>\$ 11,365</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 16,296</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 689,162</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 1,407,035</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 2,096,197</u>
149	Unreconciled Difference vs. Billed Revenues				-
150	Miscellaneous Revenues				20,340
151	RUCO TOTAL REVENUE				<u>\$ 2,116,537</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 2,116,537
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ 360,458
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 2,476,995

**EASTERN GROUP - MIAMI
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 15.44	\$ -	\$ 15.44	\$ 19.00		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 10,000	1st Tier - First 3,000	\$ 3.1400	\$ -	\$ 3.1400	\$ 2.5700	\$ 3.5368		
3	2nd Tier - Next 15,000	2nd Tier - Next 7,000	\$ 3.9250	\$ -	\$ 3.9250	\$ 3.2130	\$ 4.4217		
4	3rd Tier - Over 25,000	3rd Tier - Over 10,000	\$ 4.7100	\$ -	\$ 4.7100	\$ 4.0160	\$ 5.5268		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 5995	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		1,499	25.00%	\$ 20.15	\$ -	\$ 20.15	\$ 20.71	\$ 0.57	2.81%
6		2,998	50.00%	\$ 24.85	\$ -	\$ 24.85	\$ 26.01	\$ 1.16	4.67%
7		5,995	100.00%	\$ 34.26	\$ -	\$ 34.26	\$ 39.26	\$ 5.00	14.59%
8		8,993	150.00%	\$ 42.89	\$ -	\$ 42.89	\$ 52.52	\$ 9.63	22.46%
9		11,990	200.00%	\$ 54.65	\$ -	\$ 54.65	\$ 67.97	\$ 13.32	24.37%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 4457	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,114	25.00%	\$ 18.94	\$ -	\$ 18.94	\$ 19.35	\$ 0.41	2.18%
11		2,229	50.00%	\$ 22.44	\$ -	\$ 22.44	\$ 15.41	\$ (7.03)	-31.32%
12		4,457	100.00%	\$ 29.43	\$ -	\$ 29.43	\$ 32.46	\$ 3.03	10.29%
13		6,686	150.00%	\$ 36.43	\$ -	\$ 36.43	\$ 42.32	\$ 5.89	16.15%
14		8,914	200.00%	\$ 43.43	\$ -	\$ 43.43	\$ 52.17	\$ 8.74	20.13%

**WESTERN GROUP - CASA GRANDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMIN'TS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter Commodity Usage	247,709	\$ 15.41	\$ 3,817,407	\$ 3,817,407
2	First Tier - First 3,000 Gals.	626,007	\$ 1.2679	\$ 793,695	
3	Second Tier - Next 7,000 Gals.	857,556	\$ 1.7759	\$ 1,522,940	
4	Third Tier - Over 10,000 Gals.	706,866	\$ 2.2199	\$ 1,569,160	\$ 3,885,795
5	1" Meter Commodity Usage	5,186	\$ 38.53	\$ 199,802	\$ 199,802
6	First Tier - First 10,000 Gals.	41,596	\$ 1.7759	\$ 73,871	
7	Second Tier - Over 10,000 Gals.	100,219	\$ 2.2199	\$ 222,474	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 296,345
9	2" Meter Commodity Usage	890	\$ 123.29	\$ 109,725	\$ 109,725
10	First Tier - First 125,000 Gals.	75,099	\$ 1.7759	\$ 133,369	
11	Second Tier - Over 125,000 Gals.	83,945	\$ 2.2199	\$ 186,348	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 319,717
13	3" Meter Commodity Usage	97	\$ 246.57	\$ 23,918	\$ 23,918
14	First Tier - First 325,000 Gals.	27,450	\$ 1.7759	\$ 48,748	
15	Second Tier - Over 325,000 Gals.	23,013	\$ 2.2199	\$ 51,087	
16	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 99,835
17	4" Meter Commodity Usage	27	\$ 385.27	\$ 10,402	\$ 10,402
18	First Tier - First 500,000 Gals.	12,311	\$ 1.7759	\$ 21,863	
19	Second Tier - Over 500,000 Gals.	19,223	\$ 2.2199	\$ 42,673	
20	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 64,536
21	6" Meter Commodity Usage	96	\$ 770.54	\$ 73,972	\$ 73,972
22	First Tier - First 925,000 Gals.	58,124	\$ 1.7759	\$ 103,222	
23	Second Tier - Over 925,000 Gals.	5,427	\$ 2.2199	\$ 12,048	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 115,270
25	8" Meter Commodity Usage	-	\$ 1,232.87	\$ -	\$ -
26	First Tier - First 1,500,000 Gals.	-	\$ 1.7759	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 2.2199	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter Commodity Usage	-	\$ 2,465.74	\$ -	\$ -
30	First Tier - First 3,000,000 Gals.	-	\$ 1.7759	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 2.2199	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>254,005</u>		<u>\$ 4,235,226</u>	
34	Total Residential Usage	<u>2,636,837</u>		<u>\$ 4,781,498</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 9,016,725</u>

**WESTERN GROUP - CASA GRANDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMIN'TS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	7,588	\$ 15.41	\$ 116,938	\$ 116,938
	Commodity Usage				
37	First Tier - First 10,000 Gals.	37,255	\$ 1.7759	\$ 66,162	
38	Second Tier - Over 10,000 Gals.	40,844	\$ 2.2199	\$ 90,668	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 156,830
40	1" Meter	4,392	\$ 38.53	\$ 169,211	\$ 169,211
	Commodity Usage				
41	First Tier - First 40,000 Gals.	81,115	\$ 1.7759	\$ 144,052	
42	Second Tier - Over 40,000 Gals.	63,781	\$ 2.2199	\$ 141,586	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 285,638
44	2" Meter	3,825	\$ 123.29	\$ 471,572	\$ 471,572
	Commodity Usage				
45	First Tier - First 125,000 Gals.	267,223	\$ 1.7759	\$ 474,564	
46	Second Tier - Over 125,000 Gals.	292,838	\$ 2.2199	\$ 650,066	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 1,124,629
48	3" Meter	281	\$ 246.57	\$ 69,287	\$ 69,287
	Commodity Usage				
49	First Tier - First 325,000 Gals.	46,952	\$ 1.7759	\$ 83,383	
50	Second Tier - Over 325,000 Gals.	27,556	\$ 2.2199	\$ 61,172	
51	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 144,554
52	4" Meter	198	\$ 385.27	\$ 76,284	\$ 76,284
	Commodity Usage				
53	First Tier - First 500,000 Gals.	79,366	\$ 1.7759	\$ 140,947	
54	Second Tier - Over 500,000 Gals.	110,113	\$ 2.2199	\$ 244,439	
55	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 385,386
56	6" Meter	72	\$ 770.54	\$ 55,479	\$ 55,479
	Commodity Usage				
57	First Tier - First 925,000 Gals.	44,310	\$ 1.7759	\$ 78,691	
58	Second Tier - Over 925,000 Gals.	18,306	\$ 2.2199	\$ 40,637	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 119,329
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	-	\$ 1.7759	\$ -	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 2.2199	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 1.7759	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 2.2199	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>16,356</u>		<u>\$ 958,771</u>	
69	Total Commercial Usage	<u>1,109,660</u>		<u>\$ 2,216,365</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 3,175,136</u>

**WESTERN GROUP - CASA GRANDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMIN'TS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	60	\$ 15.41	\$ 925	\$ 925
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	754	\$ 1.4677	\$ 1,107	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4677	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 1,107
75	1" Meter	72	\$ 38.53	\$ 2,774	\$ 2,774
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	1,857	\$ 1.4677	\$ 2,726	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4677	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 2,726
79	2" Meter	111	\$ 123.29	\$ 13,685	\$ 13,685
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	17,005	\$ 1.4677	\$ 24,958	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4677	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 24,958
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 1.4677	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4677	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	36	\$ 385.27	\$ 13,870	\$ 13,870
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	39,166	\$ 1.4677	\$ 57,484	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4677	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 57,484
91	6" Meter	24	\$ 770.54	\$ 18,493	\$ 18,493
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	571,237	\$ 1.4677	\$ 838,413	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4677	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 838,413
95	8" Meter	12	\$ 1,232.87	\$ 14,794	\$ 14,794
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	19,683	\$ 1.4677	\$ 28,888	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4677	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 28,888
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 1.4677	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4677	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>315</u>		<u>\$ 64,541</u>	
104	Total Industrial Usage	<u>649,702</u>		<u>\$ 953,577</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 1,018,118</u>

**WESTERN GROUP - CASA GRANDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMIN'TS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	2,598	\$ 25.00	\$ 64,950	\$ 64,950
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	23	\$ 25.00	\$ 575	\$ 575
114	Total Private Fire Service Customers	<u>2,621</u>		<u>\$ 65,525</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 65,525</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-		\$ -	\$ -
117	Coin Machine	-		\$ -	\$ -
118	Commodity Usage	-		\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 1,7759	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 2,2199	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	790	\$ 246.57	\$ 194,793	\$ 194,793
124	First Tier - First 325,000 Gals.	64,714	\$ 1,7759	\$ 114,925	
125	Second Tier - Over 325,000 Gals.	66,411	\$ 2,2199	\$ 147,424	
126	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 262,349
127	Construction Water 4" Meter Commodity Usage	201	\$ 385.27	\$ 77,440	\$ 77,440
128	First Tier - First 500,000 Gals.	30,744	\$ 1,7759	\$ 54,598	
129	Second Tier - Over 500,000 Gals.	43,275	\$ 2,2199	\$ 96,065	
130	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 150,663
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 1,4677	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 1,4677	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	14	\$ 246.57	\$ 3,452	\$ 3,452
136	First Tier - First 1,000,000 Gals.	4,174	\$ 1,4677	\$ 6,127	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 1,4677	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ 6,127

**WESTERN GROUP - CASA GRANDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMIN'TS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 0.8933	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 1.4677	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ 1.4677	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>1,005</u>		<u>\$ 275,685</u>	
144	Total Other Water Revenue Usage	<u>209,317</u>		<u>\$ 419,139</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 694,824</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 5,599,748</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 8,370,580</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 13,970,327</u>
149	Unreconciled Difference vs. Billed Revenues				-
150	Miscellaneous Revenues				589,682
151	RUCO TOTAL REVENUE				<u>\$ 14,560,010</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 14,560,010
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (137,287)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 14,422,723

**WESTERN GROUP - CASA GRANDE
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 10.48	\$ 2.57	\$ 13.05	\$ 17.34		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 3,000	1st Tier - First 3,000	\$ 1.0000	\$ 0.2024	\$ 1.2024	\$ 1.5900	\$ 1.2679		
3	2nd Tier - Next 7,000	2nd Tier - Next 7,000	\$ 1.4869	\$ 0.2024	\$ 1.6893	\$ 1.9880	\$ 1.7759		
4	3rd Tier - Over 10,000	3rd Tier - Over 10,000	\$ 1.6500	\$ 0.2024	\$ 1.8524	\$ 2.4850	\$ 2.2199		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 8843	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		2,211	25.00%	\$ 12.69	\$ 3.02	\$ 15.71	\$ 18.21	\$ 2.51	15.95%
6		4,422	50.00%	\$ 15.59	\$ 3.46	\$ 19.06	\$ 21.74	\$ 2.68	14.06%
7		8,843	100.00%	\$ 22.17	\$ 4.36	\$ 26.53	\$ 29.59	\$ 3.06	11.55%
8		13,265	150.00%	\$ 28.74	\$ 5.25	\$ 34.00	\$ 38.89	\$ 4.90	14.40%
9		17,686	200.00%	\$ 35.32	\$ 6.15	\$ 41.47	\$ 48.71	\$ 7.24	17.46%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 6075	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,519	25.00%	\$ 12.00	\$ 2.88	\$ 14.88	\$ 17.34	\$ 2.46	16.54%
11		3,038	50.00%	\$ 13.54	\$ 3.18	\$ 16.72	\$ 19.28	\$ 2.56	15.31%
12		6,075	100.00%	\$ 18.05	\$ 3.80	\$ 21.85	\$ 24.68	\$ 2.82	12.92%
13		9,113	150.00%	\$ 22.57	\$ 4.41	\$ 26.98	\$ 30.07	\$ 3.09	11.44%
14		12,150	200.00%	\$ 27.09	\$ 5.03	\$ 32.11	\$ 36.42	\$ 4.30	13.40%

**WESTERN GROUP - STANFIELD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	2,143	\$ 15.41	\$ 33,025	\$ 33,025
	Commodity Usage				
2	First Tier - First 3,000 Gals.	5,909	\$ 3.0070	\$ 17,769	
3	Second Tier - Next 7,000 Gals.	8,579	\$ 3.7591	\$ 32,250	
4	Third Tier - Over 10,000 Gals.	5,146	\$ 4.6986	\$ 24,177	\$ 74,196
5	1" Meter	24	\$ 38.53	\$ 925	\$ 925
	Commodity Usage				
6	First Tier - First 10,000 Gals.	212	\$ 3.7591	\$ 796	
7	Second Tier - Over 10,000 Gals.	171	\$ 4.6986	\$ 804	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 1,600
9	2" Meter	1	\$ 123.29	\$ 123	\$ 123
	Commodity Usage				
10	First Tier - First 125,000 Gals.	4	\$ 3.7591	\$ 15	
11	Second Tier - Over 125,000 Gals.	-	\$ 4.6986	\$ -	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 15
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 325,000 Gals.	-	\$ 3.7591	\$ -	
15	Second Tier - Over 325,000 Gals.	-	\$ 4.6986	\$ -	
16	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 500,000 Gals.	-	\$ 3.7591	\$ -	
19	Second Tier - Over 500,000 Gals.	-	\$ 4.6986	\$ -	
20	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 925,000 Gals.	-	\$ 3.7591	\$ -	
23	Second Tier - Over 925,000 Gals.	-	\$ 4.6986	\$ -	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 3.7591	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 4.6986	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 3.7591	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 4.6986	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>2,168</u>		<u>\$ 34,073</u>	
34	Total Residential Usage	<u>20,021</u>		<u>\$ 75,811</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 109,884</u>

**WESTERN GROUP - STANFIELD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	303	\$ 15.41	\$ 4,669	\$ 4,669
	Commodity Usage				
37	First Tier - First 10,000 Gals.	1,503	\$ 3.7591	\$ 5,648	
38	Second Tier - Over 10,000 Gals.	1,011	\$ 4.6986	\$ 4,752	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 10,400
40	1" Meter	36	\$ 38.53	\$ 1,387	\$ 1,387
	Commodity Usage				
41	First Tier - First 40,000 Gals.	438	\$ 3.7591	\$ 1,645	
42	Second Tier - Over 40,000 Gals.	72	\$ 4.6986	\$ 338	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 1,983
44	2" Meter	36	\$ 123.29	\$ 4,438	\$ 4,438
	Commodity Usage				
45	First Tier - First 125,000 Gals.	1,283	\$ 3.7591	\$ 4,824	
46	Second Tier - Over 125,000 Gals.	4	\$ 4.6986	\$ 20	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 4,844
48	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
49	First Tier - First 325,000 Gals.	-	\$ 3.7591	\$ -	
50	Second Tier - Over 325,000 Gals.	-	\$ 4.6986	\$ -	
51	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
52	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
53	First Tier - First 500,000 Gals.	-	\$ 3.7591	\$ -	
54	Second Tier - Over 500,000 Gals.	-	\$ 4.6986	\$ -	
55	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
56	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 925,000 Gals.	-	\$ 3.7591	\$ -	
58	Second Tier - Over 925,000 Gals.	-	\$ 4.6986	\$ -	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	-	\$ 3.7591	\$ -	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 4.6986	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 3.7591	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 4.6986	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>375</u>		<u>\$ 10,495</u>	
69	Total Commercial Usage	<u>4,311</u>		<u>\$ 17,227</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 27,722</u>

**WESTERN GROUP - STANFIELD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 3.7591	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 3.7591	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	-	\$ 38.53	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 3.7591	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 3.7591	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 3.7591	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 3.7591	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 3.7591	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 3.7591	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 3.7591	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 3.7591	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 3.7591	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 3.7591	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 3.7591	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 3.7591	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 3.7591	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 3.7591	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	-			
104	Total Industrial Usage	-			
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				\$ -

**WESTERN GROUP - STANFIELD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	-	\$ 25.00	\$ -	\$ -
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	-			
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				\$ -
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-		\$ -	\$ -
117	Coin Machine	14	\$ -	\$ -	\$ -
118	Commodity Usage	4,737	78.28	\$ 15,127	\$ 15,127
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 3.7591	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 4.6986	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	4	\$ 246.57	\$ 986	\$ 986
124	First Tier - First 325,000 Gals.	118	\$ 3.7591	\$ 445	
125	Second Tier - Over 325,000 Gals.	-	\$ 4.6986	\$ -	
126	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 445
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 500,000 Gals.	-	\$ 3.7591	\$ -	
129	Second Tier - Over 500,000 Gals.	-	\$ 4.6986	\$ -	
130	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 3.7591	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 3.7591	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 3.7591	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 3.7591	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**WESTERN GROUP - STANFIELD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 3.7591	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 3.7591	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>18</u>		<u>\$ 986</u>	
144	Total Other Water Revenue Usage	<u>4,855</u>		<u>\$ 15,572</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 16,558</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 45,554</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 108,610</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 154,165</u>
149	Unreconciled Difference vs. Billed Revenues				-
150	Miscellaneous Revenues				936
151	RUCO TOTAL REVENUE				<u>\$ 155,101</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 155,101
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ 120,609
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 275,710

**WESTERN GROUP - STANFIELD
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 14.65	\$ 1.54	\$ 16.19	\$ 19.00		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 3,000	1st Tier - First 3,000	\$ 2.0300	\$ 0.6400	\$ 2.6700	\$ 2.5700	\$ 3.0070	3.0454	
3	2nd Tier - Next 7,000	2nd Tier - Next 7,000	\$ 2.8900	\$ 1.8700	\$ 4.7600	\$ 3.2130	\$ 3.7591	3.8071	
4	3rd Tier - Over 10,000	3rd Tier - Over 10,000	\$ 3.6000	\$ -	\$ 3.6000	\$ 4.0160	\$ 4.6986	4.7586	
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 9162	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		2,291	25.00%	\$ 19.30	\$ 2.03	\$ 21.33	\$ 22.30	\$ 0.97	4.56%
6		4,581	50.00%	\$ 25.31	\$ 2.66	\$ 27.97	\$ 30.38	\$ 2.41	8.61%
7		9,162	100.00%	\$ 38.55	\$ 4.05	\$ 42.60	\$ 47.60	\$ 5.00	11.74%
8		13,743	150.00%	\$ 54.44	\$ 5.72	\$ 60.16	\$ 68.33	\$ 8.17	13.58%
9		18,324	200.00%	\$ 70.94	\$ 7.45	\$ 78.38	\$ 89.86	\$ 11.47	14.64%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 7262	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,816	25.00%	\$ 18.34	\$ 1.93	\$ 20.26	\$ 20.87	\$ 0.61	3.01%
11		3,631	50.00%	\$ 22.56	\$ 2.37	\$ 24.93	\$ 26.80	\$ 1.87	7.51%
12		7,262	100.00%	\$ 33.06	\$ 3.47	\$ 36.53	\$ 40.45	\$ 3.93	10.75%
13		10,893	150.00%	\$ 44.18	\$ 4.64	\$ 48.82	\$ 54.94	\$ 6.12	12.53%
14		14,524	200.00%	\$ 57.26	\$ 6.01	\$ 63.27	\$ 72.00	\$ 8.73	13.80%

**WESTERN GROUP - WHITE TANK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	18,879	\$ 15.41	\$ 290,942	\$ 290,942
	Commodity Usage				
2	First Tier - First 3,000 Gals.	52,953	\$ 2.0721	\$ 109,724	
3	Second Tier - Next 7,000 Gals.	90,988	\$ 2.8843	\$ 262,433	
4	Third Tier - Over 10,000 Gals.	151,477	\$ 3.6050	\$ 546,080	\$ 918,237
5	1" Meter	740	\$ 38.53	\$ 28,508	\$ 28,508
	Commodity Usage				
6	First Tier - First 10,000 Gals.	5,028	\$ 2.8843	\$ 14,502	
7	Second Tier - Over 10,000 Gals.	7,351	\$ 3.6050	\$ 26,501	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 41,003
9	2" Meter	36	\$ 123.29	\$ 4,438	\$ 4,438
	Commodity Usage				
10	First Tier - First 185,000 Gals.	3,803	\$ 2.8843	\$ 10,968	
11	Second Tier - Over 185,000 Gals.	6,477	\$ 3.6050	\$ 23,349	
12	Third Tier - Over 185,000 Gals.	-	\$ -	\$ -	\$ 34,317
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 400,000 Gals.	-	\$ 2.8843	\$ -	
15	Second Tier - Over 400,000 Gals.	-	\$ 3.6050	\$ -	
16	Third Tier - Over 400,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 800,000 Gals.	-	\$ 2.8843	\$ -	
19	Second Tier - Over 800,000 Gals.	-	\$ 3.6050	\$ -	
20	Third Tier - Over 800,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 1,500,000 Gals.	-	\$ 2.8843	\$ -	
23	Second Tier - Over 1,500,000 Gals.	-	\$ 3.6050	\$ -	
24	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 2,500,000 Gals.	-	\$ 2.8843	\$ -	
27	Second Tier - Over 2,500,000 Gals.	-	\$ 3.6050	\$ -	
28	Third Tier - Over 2,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 5,500,000 Gals.	-	\$ 2.8843	\$ -	
31	Second Tier - Over 5,500,000 Gals.	-	\$ 3.6050	\$ -	
32	Third Tier - Over 5,500,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>19,655</u>		<u>\$ 323,888</u>	
34	Total Residential Usage	<u>318,076</u>		<u>\$ 993,557</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 1,317,445</u>

**WESTERN GROUP - WHITE TANK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	214	\$ 15.41	\$ 3,298	\$ 3,298
	Commodity Usage				
37	First Tier - First 3,000 Gals.	1,648	\$ 2,8843	\$ 4,752	
38	Second Tier - Next 7,000 Gals.	6,393	\$ 3,6050	\$ 23,047	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 27,798
40	1" Meter	207	\$ 38.53	\$ 7,975	\$ 7,975
	Commodity Usage				
41	First Tier - First 75,000 Gals.	6,524	\$ 2,8843	\$ 18,818	
42	Second Tier - Over 75,000 Gals.	2,378	\$ 3,6050	\$ 8,571	
43	Third Tier - Over 75,000 Gals.	-	\$ -	\$ -	\$ 27,389
44	2" Meter	86	\$ 123.29	\$ 10,603	\$ 10,603
	Commodity Usage				
45	First Tier - First 325,000 Gals.	10,771	\$ 2,8843	\$ 31,066	
46	Second Tier - Over 325,000 Gals.	5,594	\$ 3,6050	\$ 20,167	
47	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 51,233
48	3" Meter	24	\$ 246.57	\$ 5,918	\$ 5,918
	Commodity Usage				
49	First Tier - First 700,000 Gals.	5,578	\$ 2,8843	\$ 16,089	
50	Second Tier - Over 700,000 Gals.	-	\$ 3,6050	\$ -	
51	Third Tier - Over 700,000 Gals.	-	\$ -	\$ -	\$ 16,089
52	4" Meter	12	\$ 385.27	\$ 4,623	\$ 4,623
	Commodity Usage				
53	First Tier - First 1,100,000 Gals.	230	\$ 2,8843	\$ 663	
54	Second Tier - Over 1,100,000 Gals.	-	\$ 3,6050	\$ -	
55	Third Tier - Over 1,100,000 Gals.	-	\$ -	\$ -	\$ 663
56	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 2,200,000 Gals.	-	\$ 2,8843	\$ -	
58	Second Tier - Over 2,200,000 Gals.	-	\$ 3,6050	\$ -	
59	Third Tier - Over 2,200,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 3,500,000 Gals.	-	\$ 2,8843	\$ -	
62	Second Tier - Over 3,500,000 Gals.	-	\$ 3,6050	\$ -	
63	Third Tier - Over 3,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 7,000,000 Gals.	-	\$ 2,8843	\$ -	
66	Second Tier - Over 7,000,000 Gals.	-	\$ 3,6050	\$ -	
67	Third Tier - Over 7,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>543</u>		<u>\$ 32,416</u>	
69	Total Commercial Usage	<u>39,116</u>		<u>\$ 123,173</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 155,589</u>

**WESTERN GROUP - WHITE TANK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 3,6806	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 3,6806	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	12	\$ 38.53	\$ 462	\$ 462
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	175	\$ 3,6806	\$ 642	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 3,6806	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 642
79	2" Meter	12	\$ 123.29	\$ 1,479	\$ 1,479
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	1,691	\$ 3,6806	\$ 6,222	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 3,6806	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 6,222
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 3,6806	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 3,6806	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 3,6806	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 3,6806	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	12	\$ 770.54	\$ 9,247	\$ 9,247
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	1,454	\$ 3,6806	\$ 5,350	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 3,6806	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 5,350
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 3,6806	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 3,6806	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 3,6806	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 3,6806	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>36</u>		<u>\$ 11,188</u>	
104	Total Industrial Usage	<u>3,319</u>		<u>\$ 12,214</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 23,403</u>

**WESTERN GROUP - WHITE TANK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	59	\$ 25.00	\$ 1,475	\$ 1,475
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>59</u>		<u>\$ 1,475</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 1,475</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-		\$ -	\$ -
117	Coin Machine	-		\$ -	\$ -
118	Commodity Usage	-		\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 325,000 Gals.	-	\$ 2,8843	\$ -	
121	Second Tier - Over 325,000 Gals.	-	\$ 3,6050	\$ -	
122	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	55	\$ 246.57	\$ 13,562	\$ 13,562
124	First Tier - First 700,000 Gals.	9,967	\$ 2,8843	\$ 28,748	
125	Second Tier - Over 700,000 Gals.	(343)	\$ 3,6050	\$ (1,235)	
126	Third Tier - Over 700,000 Gals.	-	\$ -	\$ -	\$ 27,514
127	Construction Water 4" Meter Commodity Usage	5	\$ 385.27	\$ 1,926	\$ 1,926
128	First Tier - First 1,100,000 Gals.	1,105	\$ 2,8843	\$ 3,187	
129	Second Tier - Over 1,100,000 Gals.	302	\$ 3,6050	\$ 1,089	
130	Third Tier - Over 1,100,000 Gals.	-	\$ -	\$ -	\$ 4,276
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 3,6806	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 3,6806	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 3,6806	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 3,6806	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**WESTERN GROUP - WHITE TANK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	-	-
140	First Tier - First 1,000,000 Gals.	-	\$ 3,6806	-	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 3,6806	-	
142	Third Tier - Over 1,000,000 Gals.	-	-	-	-
143	Total Other Water Revenue Customer Bills	<u>60</u>		<u>\$ 15,488</u>	
144	Total Other Water Revenue Usage	<u>11,032</u>		<u>\$ 31,790</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 47,277</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 384,455</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 1,160,734</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 1,545,190</u>
149	Unreconciled Difference vs. Billed Revenues				-
150	Miscellaneous Revenues				12,331
151	RUCO TOTAL REVENUE				<u>\$ 1,557,521</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 1,557,521
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (10,210)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 1,547,311

**WESTERN GROUP - WHITE TANK
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 16.05	\$ 4.79	\$ 20.84	\$ 19.00		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 3,000	1st Tier - First 3,000	\$ 1.6000	\$ 0.3198	\$ 1.9198	\$ 2.5700	\$ 2.0721		
3	2nd Tier - Next 7,000	2nd Tier - Next 7,000	\$ 2.2500	\$ 0.3198	\$ 2.5698	\$ 3.2130	\$ 2.8843		
4	3rd Tier - Over 10,000	3rd Tier - Over 10,000	\$ 2.5500	\$ 0.3198	\$ 2.8698	\$ 4.0160	\$ 3.6050		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 15648	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		3,912	25.00%	\$ 22.31	\$ 6.04	\$ 28.35	\$ 24.26	\$ (4.09)	-14.44%
6		7,824	50.00%	\$ 31.70	\$ 7.29	\$ 39.00	\$ 35.54	\$ (3.46)	-8.86%
7		15,648	100.00%	\$ 51.00	\$ 9.79	\$ 60.80	\$ 62.18	\$ 1.38	2.27%
8		23,472	150.00%	\$ 70.95	\$ 12.30	\$ 83.25	\$ 90.38	\$ 7.13	8.57%
9		31,296	200.00%	\$ 90.90	\$ 14.80	\$ 105.70	\$ 118.59	\$ 12.89	12.19%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 10201	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		2,550	25.00%	\$ 20.13	\$ 5.61	\$ 25.74	\$ 20.33	\$ (5.41)	-21.01%
11		5,101	50.00%	\$ 25.58	\$ 6.42	\$ 32.00	\$ 27.69	\$ (4.31)	-13.48%
12		10,201	100.00%	\$ 37.11	\$ 8.05	\$ 45.16	\$ 42.54	\$ (2.62)	-5.81%
13		15,302	150.00%	\$ 50.12	\$ 9.68	\$ 59.80	\$ 60.93	\$ 1.13	1.88%
14		20,402	200.00%	\$ 63.13	\$ 11.31	\$ 74.44	\$ 79.32	\$ 4.88	6.55%

WESTERN GROUP - AJO
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	7,249	\$ 15.41	\$ 111,713	\$ 111,713
	Commodity Usage				
2	First Tier - First 3,000 Gals.	16,092	\$ 5.4570	\$ 87,816	
3	Second Tier - Next 7,000 Gals.	15,723	\$ 7.6187	\$ 119,787	
4	Third Tier - Over 10,000 Gals.	5,768	\$ 9.5231	\$ 54,924	\$ 262,527
5	1" Meter	96	\$ 38.53	\$ 3,699	\$ 3,699
	Commodity Usage				
6	First Tier - First 10,000 Gals.	614	\$ 7.6187	\$ 4,681	
7	Second Tier - Over 10,000 Gals.	497	\$ 9.5231	\$ 4,732	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 9,413
9	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
10	First Tier - First 90,000 Gals.	-	\$ 7.6187	\$ -	
11	Second Tier - Over 90,000 Gals.	-	\$ 9.5231	\$ -	
12	Third Tier - Over 90,000 Gals.	-	\$ -	\$ -	\$ -
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 200,000 Gals.	-	\$ 7.6187	\$ -	
15	Second Tier - Over 200,000 Gals.	-	\$ 9.5231	\$ -	
16	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 325,000 Gals.	-	\$ 7.6187	\$ -	
19	Second Tier - Over 325,000 Gals.	-	\$ 9.5231	\$ -	
20	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 725,000 Gals.	-	\$ 7.6187	\$ -	
23	Second Tier - Over 725,000 Gals.	-	\$ 9.5231	\$ -	
24	Third Tier - Over 725,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,200,000 Gals.	-	\$ 7.6187	\$ -	
27	Second Tier - Over 1,200,000 Gals.	-	\$ 9.5231	\$ -	
28	Third Tier - Over 1,200,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 2,400,000 Gals.	-	\$ 7.6187	\$ -	
31	Second Tier - Over 2,400,000 Gals.	-	\$ 9.5231	\$ -	
32	Third Tier - Over 2,400,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>7,345</u>		<u>\$ 115,412</u>	
34	Total Residential Usage	<u>38,694</u>		<u>\$ 271,940</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 387,352</u>

WESTERN GROUP - AJO
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	596	\$ 15.41	\$ 9,185	\$ 9,185
	Commodity Usage				
37	First Tier - First 10,000 Gals.	1,927	\$ 7.6187	\$ 14,684	
38	Second Tier - Over 10,000 Gals.	1,382	\$ 9.5231	\$ 13,161	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 27,845
40	1" Meter	230	\$ 38.53	\$ 8,861	\$ 8,861
	Commodity Usage				
41	First Tier - First 30,000 Gals.	4,658	\$ 7.6187	\$ 35,488	
42	Second Tier - Over 30,000 Gals.	3,750	\$ 9.5231	\$ 35,713	
43	Third Tier - Over 30,000 Gals.	-	\$ -	\$ -	\$ 71,201
44	2" Meter	36	\$ 123.29	\$ 4,438	\$ 4,438
	Commodity Usage				
45	First Tier - First 100,000 Gals.	1,139	\$ 7.6187	\$ 8,679	
46	Second Tier - Over 100,000 Gals.	-	\$ 9.5231	\$ -	
47	Third Tier - Over 100,000 Gals.	-	\$ -	\$ -	\$ 8,679
48	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
49	First Tier - First 200,000 Gals.	-	\$ 7.6187	\$ -	
50	Second Tier - Over 200,000 Gals.	-	\$ 9.5231	\$ -	
51	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ -
52	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
53	First Tier - First 325,000 Gals.	-	\$ 7.6187	\$ -	
54	Second Tier - Over 325,000 Gals.	-	\$ 9.5231	\$ -	
55	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
56	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 725,000 Gals.	-	\$ 7.6187	\$ -	
58	Second Tier - Over 725,000 Gals.	-	\$ 9.5231	\$ -	
59	Third Tier - Over 725,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,200,000 Gals.	-	\$ 7.6187	\$ -	
62	Second Tier - Over 1,200,000 Gals.	-	\$ 9.5231	\$ -	
63	Third Tier - Over 1,200,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 2,400,000 Gals.	-	\$ 7.6187	\$ -	
66	Second Tier - Over 2,400,000 Gals.	-	\$ 9.5231	\$ -	
67	Third Tier - Over 2,400,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>862</u>		<u>\$ 22,484</u>	
69	Total Commercial Usage	<u>12,857</u>		<u>\$ 107,726</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 130,210</u>

WESTERN GROUP - AJO
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 7.6187	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 7.6187	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	-	\$ 38.53	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 7.6187	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 7.6187	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 7.6187	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 7.6187	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 7.6187	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 7.6187	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 7.6187	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 7.6187	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 7.6187	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 7.6187	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 7.6187	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 7.6187	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 7.6187	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 7.6187	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	-			
104	Total Industrial Usage	-			
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE			\$	-

WESTERN GROUP - AJO
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	24	\$ 25.00	\$ 600	\$ 600
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>24</u>		<u>\$ 600</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 600</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-		\$ -	\$ -
117	Coin Machine	13		\$ -	\$ -
118	Commodity Usage	117	\$ 35.31	\$ 828	\$ 828
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 100,000 Gals.	-	\$ 7.6187	\$ -	
121	Second Tier - Over 100,000 Gals.	-	\$ 9.5231	\$ -	
122	Third Tier - Over 100,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
124	First Tier - First 200,000 Gals.	-	\$ 7.6187	\$ -	
125	Second Tier - Over 200,000 Gals.	-	\$ 9.5231	\$ -	
126	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ -
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 325,000 Gals.	-	\$ 7.6187	\$ -	
129	Second Tier - Over 325,000 Gals.	-	\$ 9.5231	\$ -	
130	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 7.6187	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 7.6187	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 7.6187	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 7.6187	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

WESTERN GROUP - AJO
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 7.6187	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 7.6187	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>13</u>		<u>\$ -</u>	
144	Total Other Water Revenue Usage	<u>117</u>		<u>\$ 828</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 828</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 138,496</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 380,493</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 518,990</u>
149	Unreconciled Difference vs. Billed Revenues				-
150	Miscellaneous Revenues				3,669
151	RUCO TOTAL REVENUE				<u>\$ 522,659</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 522,659
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (3,676)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 518,982

**WESTERN GROUP - AJO
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 21.04	\$ -	\$ 21.04	\$ 19.00		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 3,000	1st Tier - First 3,000	\$ 4.5000	\$ -	\$ 4.5000	\$ 2.5700	\$ 5.4570		
3	2nd Tier - Next 7,000	2nd Tier - Next 7,000	\$ 5.5000	\$ -	\$ 5.5000	\$ 3.2130	\$ 7.6187		
4	3rd Tier - Over 10,000	3rd Tier - Over 10,000	\$ 6.5000	\$ -	\$ 6.5000	\$ 4.0160	\$ 9.5231		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 5185	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		1,296	25.00%	\$ 26.87	\$ -	\$ 26.87	\$ 22.48	\$ (4.39)	-16.33%
6		2,593	50.00%	\$ 32.71	\$ -	\$ 32.71	\$ 29.56	\$ (3.15)	-9.63%
7		5,185	100.00%	\$ 46.56	\$ -	\$ 46.56	\$ 48.43	\$ 1.87	4.02%
8		7,778	150.00%	\$ 60.82	\$ -	\$ 60.82	\$ 68.18	\$ 7.36	12.11%
9		10,370	200.00%	\$ 75.45	\$ -	\$ 75.45	\$ 88.64	\$ 13.19	17.48%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 3754	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		939	25.00%	\$ 25.26	\$ -	\$ 25.26	\$ 20.53	\$ (4.73)	-18.73%
11		1,877	50.00%	\$ 29.49	\$ -	\$ 29.49	\$ 25.65	\$ (3.83)	-13.00%
12		3,754	100.00%	\$ 38.69	\$ -	\$ 38.69	\$ 37.53	\$ (1.16)	-3.00%
13		5,631	150.00%	\$ 49.01	\$ -	\$ 49.01	\$ 51.83	\$ 2.82	5.75%
14		7,508	200.00%	\$ 59.33	\$ -	\$ 59.33	\$ 66.13	\$ 6.79	11.45%

**WESTERN GROUP - COOLIDGE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	50,750	\$ 15.41	\$ 782,101	\$ 782,101
	Commodity Usage				
2	First Tier - First 3,000 Gals.	129,141	\$ 0.8615	\$ 111,257	
3	Second Tier - Next 7,000 Gals.	172,080	\$ 1.4016	\$ 241,184	
4	Third Tier - Over 10,000 Gals.	111,592	\$ 1.7520	\$ 195,506	\$ 547,946
5	1" Meter	739	\$ 38.53	\$ 28,472	\$ 28,472
	Commodity Usage				
6	First Tier - First 10,000 Gals.	6,226	\$ 1.4016	\$ 8,726	
7	Second Tier - Over 10,000 Gals.	10,695	\$ 1.7520	\$ 18,737	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 27,463
9	2" Meter	129	\$ 123.29	\$ 15,904	\$ 15,904
	Commodity Usage				
10	First Tier - First 125,000 Gals.	12,772	\$ 1.4016	\$ 17,901	
11	Second Tier - Over 125,000 Gals.	13,353	\$ 1.7520	\$ 23,394	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 41,295
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 325,000 Gals.	-	\$ 1.4016	\$ -	
15	Second Tier - Over 325,000 Gals.	-	\$ 1.7520	\$ -	
16	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 500,000 Gals.	-	\$ 1.4016	\$ -	
19	Second Tier - Over 500,000 Gals.	-	\$ 1.7520	\$ -	
20	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 925,000 Gals.	-	\$ 1.4016	\$ -	
23	Second Tier - Over 925,000 Gals.	-	\$ 1.7520	\$ -	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 1.4016	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 1.7520	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 1.4016	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 1.7520	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>51,618</u>		<u>\$ 826,476</u>	
34	Total Residential Usage	<u>455,859</u>		<u>\$ 616,704</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 1,443,181</u>

**WESTERN GROUP - COOLIDGE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	2,988	\$ 15.41	\$ 46,048	\$ 46,048
	Commodity Usage				
37	First Tier - First 10,000 Gals.	13,226	\$ 1.4016	\$ 18,537	
38	Second Tier - Over 10,000 Gals.	11,774	\$ 1.7520	\$ 20,628	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 39,165
40	1" Meter	945	\$ 38.53	\$ 36,408	\$ 36,408
	Commodity Usage				
41	First Tier - First 40,000 Gals.	15,737	\$ 1.4016	\$ 22,056	
42	Second Tier - Over 40,000 Gals.	9,982	\$ 1.7520	\$ 17,487	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 39,544
44	2" Meter	748	\$ 123.29	\$ 92,219	\$ 92,219
	Commodity Usage				
45	First Tier - First 125,000 Gals.	50,248	\$ 1.4016	\$ 70,426	
46	Second Tier - Over 125,000 Gals.	58,574	\$ 1.7520	\$ 102,621	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 173,047
48	3" Meter	31	\$ 246.57	\$ 7,644	\$ 7,644
	Commodity Usage				
49	First Tier - First 325,000 Gals.	6,101	\$ 1.4016	\$ 8,551	
50	Second Tier - Over 325,000 Gals.	2,017	\$ 1.7520	\$ 3,534	
51	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 12,086
52	4" Meter	55	\$ 385.27	\$ 21,190	\$ 21,190
	Commodity Usage				
53	First Tier - First 500,000 Gals.	17,485	\$ 1.4016	\$ 24,507	
54	Second Tier - Over 500,000 Gals.	13,386	\$ 1.7520	\$ 23,452	
55	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 47,958
56	6" Meter	34	\$ 770.54	\$ 26,097	\$ 26,097
	Commodity Usage				
57	First Tier - First 925,000 Gals.	13,546	\$ 1.4016	\$ 18,985	
58	Second Tier - Over 925,000 Gals.	7,756	\$ 1.7520	\$ 13,589	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 32,574
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	-	\$ 1.4016	\$ -	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 1.7520	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 1.4016	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 1.7520	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>4,801</u>		<u>\$ 229,605</u>	
69	Total Commercial Usage	<u>219,832</u>		<u>\$ 344,374</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 573,979</u>

**WESTERN GROUP - COOLIDGE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	12	\$ 15.41	\$ 185	\$ 185
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	65	\$ 1.4805	\$ 95	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4805	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 95
75	1" Meter	24	\$ 38.53	\$ 925	\$ 925
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	1,710	\$ 1.4805	\$ 2,532	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4805	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 2,532
79	2" Meter	24	\$ 123.29	\$ 2,959	\$ 2,959
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	1,035	\$ 1.4805	\$ 1,532	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4805	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 1,532
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 1.4805	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4805	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 1.4805	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4805	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 1.4805	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4805	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 1.4805	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4805	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 1.4805	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 1.4805	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>60</u>		<u>\$ 4,068</u>	
104	Total Industrial Usage	<u>2,809</u>		<u>\$ 4,159</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 8,228</u>

**WESTERN GROUP - COOLIDGE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	59	\$ 25.00	\$ 1,475	\$ 1,475
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	234	\$ 25.00	\$ 5,850	\$ 5,850
112	8" Meter	12	\$ 25.00	\$ 300	\$ 300
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>305</u>		<u>\$ 7,625</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 7,625</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-		\$ -	\$ -
117	Coin Machine	12		\$ -	\$ -
118	Commodity Usage	1,130	114.55	\$ 2,466	\$ 2,466
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 1.4016	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 1.7520	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	188	\$ 246.57	\$ 46,356	\$ 46,356
124	First Tier - First 325,000 Gals.	15,233	\$ 1.4016	\$ 21,351	
125	Second Tier - Over 325,000 Gals.	5,609	\$ 1.7520	\$ 9,827	
126	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 31,178
127	Construction Water 4" Meter Commodity Usage	16	\$ 385.27	\$ 6,164	\$ 6,164
128	First Tier - First 500,000 Gals.	1,665	\$ 1.4016	\$ 2,334	
129	Second Tier - Over 500,000 Gals.	57	\$ 1.7520	\$ 100	
130	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 2,433
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 1.4805	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 1.4805	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 1.4805	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 1.4805	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**WESTERN GROUP - COOLIDGE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 1.4805	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 1.4805	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>216</u>		<u>\$ 52,520</u>	
144	Total Other Water Revenue Usage	<u>23,694</u>		<u>\$ 36,077</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 88,597</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 1,120,295</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 1,001,314</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 2,121,609</u>
149	Unreconciled Difference vs. Billed Revenues				-
150	Miscellaneous Revenues				51,580
151	RUCO TOTAL REVENUE				<u>\$ 2,173,189</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE TJC-1				\$ 2,173,189
153	Revenue Adjustment Associated With Conservation Per Schedule TJC-1				\$ (29,664)
154	Revenue Requirement Based On Cost Of Service Per Schedule TJC-1				\$ 2,143,525

**WESTERN GROUP - COOLIDGE
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 10.90	\$ -	\$ 10.90	\$ 19.00		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	1st Tier - First 3,000	1st Tier - First 3,000	\$ 1.5500	\$ -	\$ 1.5500	\$ 2.5700	\$ 0.8615		
3	2nd Tier - Next 7,000	2nd Tier - Next 7,000	\$ 1.9600	\$ -	\$ 1.9600	\$ 3.2130	\$ 1.4016		
4	3rd Tier - Over 10,000	3rd Tier - Over 10,000	\$ 2.2400	\$ -	\$ 2.2400	\$ 4.0160	\$ 1.7520		
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 8134	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		2,034	25.00%	\$ 14.05	\$ -	\$ 14.05	\$ 17.16	\$ 3.11	22.14%
6		4,067	50.00%	\$ 17.64	\$ -	\$ 17.64	\$ 19.49	\$ 1.85	10.48%
7		8,134	100.00%	\$ 25.61	\$ -	\$ 25.61	\$ 25.19	\$ (0.42)	-1.65%
8		12,201	150.00%	\$ 34.20	\$ -	\$ 34.20	\$ 31.66	\$ (2.54)	-7.42%
9		16,268	200.00%	\$ 43.31	\$ -	\$ 43.31	\$ 38.79	\$ (4.52)	-10.44%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 5998	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,500	25.00%	\$ 13.22	\$ -	\$ 13.22	\$ 16.70	\$ 3.48	26.30%
11		2,999	50.00%	\$ 15.55	\$ -	\$ 15.55	\$ 17.99	\$ 2.45	15.73%
12		5,998	100.00%	\$ 21.43	\$ -	\$ 21.43	\$ 22.20	\$ 0.77	3.60%
13		8,997	150.00%	\$ 27.30	\$ -	\$ 27.30	\$ 26.40	\$ (0.90)	-3.31%
14		11,996	200.00%	\$ 33.74	\$ -	\$ 33.74	\$ 30.60	\$ (3.14)	-9.30%

**NORTHERN GROUP - LAKESIDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	56,153	\$ 15.41	\$ 865,366	\$ 865,366
	Commodity Usage				
2	First Tier - First 3,000 Gals.	101,255	\$ 3.2629	\$ 330,387	
3	Second Tier - Next 7,000 Gals.	85,030	\$ 4.5296	\$ 385,151	
4	Third Tier - Over 10,000 Gals.	55,836	\$ 5.4352	\$ 303,483	\$ 1,019,022
5	1" Meter	333	\$ 38.53	\$ 12,830	\$ 12,830
	Commodity Usage				
6	First Tier - First 10,000 Gals.	1,693	\$ 4.5296	\$ 7,668	
7	Second Tier - Over 10,000 Gals.	3,514	\$ 5.4352	\$ 19,097	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 26,764
9	2" Meter	120	\$ 123.29	\$ 14,794	\$ 14,794
	Commodity Usage				
10	First Tier - First 50,000 Gals.	3,298	\$ 4.5296	\$ 14,940	
11	Second Tier - Over 50,000 Gals.	1,937	\$ 5.4352	\$ 10,528	
12	Third Tier - Over 50,000 Gals.	-	\$ -	\$ -	\$ 25,468
13	3" Meter	12	\$ 246.57	\$ 2,959	\$ 2,959
	Commodity Usage				
14	First Tier - First 1255,000 Gals.	1,500	\$ 4.5296	\$ 6,794	
15	Second Tier - Over 125,000 Gals.	1,534	\$ 5.4352	\$ 8,335	
16	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 15,129
17	4" Meter	12	\$ 385.27	\$ 4,623	\$ 4,623
	Commodity Usage				
18	First Tier - First 200,000 Gals.	2,400	\$ 4.5296	\$ 10,871	
19	Second Tier - Over 200,000 Gals.	2,477	\$ 5.4352	\$ 13,463	
20	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ 24,334
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 350,000 Gals.	-	\$ 4.5296	\$ -	
23	Second Tier - Over 350,000 Gals.	-	\$ 5.4352	\$ -	
24	Third Tier - Over 350,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 650,000 Gals.	-	\$ 4.5296	\$ -	
27	Second Tier - Over 650,000 Gals.	-	\$ 5.4352	\$ -	
28	Third Tier - Over 650,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 1,400,000 Gals.	-	\$ 4.5296	\$ -	
31	Second Tier - Over 1,400,000 Gals.	-	\$ 5.4352	\$ -	
32	Third Tier - Over 1,400,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>56,630</u>		<u>\$ 900,572</u>	
34	Total Residential Usage	<u>260,473</u>		<u>\$ 1,110,717</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 2,011,289</u>

**NORTHERN GROUP - LAKESIDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	1,744	\$ 15.41	\$ 26,877	\$ 26,877
	Commodity Usage				
37	First Tier - First 10,000 Gals.	7,128	\$ 4.5296	\$ 32,286	
38	Second Tier - Over 10,000 Gals.	6,960	\$ 5.4352	\$ 37,831	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 70,117
40	1" Meter	654	\$ 38.53	\$ 25,197	\$ 25,197
	Commodity Usage				
41	First Tier - First 15,000 Gals.	6,380	\$ 4.5296	\$ 28,897	
42	Second Tier - Over 15,000 Gals.	9,410	\$ 5.4352	\$ 51,143	
43	Third Tier - Over 15,000 Gals.	-	\$ -	\$ -	\$ 80,041
44	2" Meter	403	\$ 123.29	\$ 49,685	\$ 49,685
	Commodity Usage				
45	First Tier - First 65,000 Gals.	12,387	\$ 4.5296	\$ 56,110	
46	Second Tier - Over 65,000 Gals.	15,303	\$ 5.4352	\$ 83,175	
47	Third Tier - Over 65,000 Gals.	-	\$ -	\$ -	\$ 139,285
48	3" Meter	12	\$ 246.57	\$ 2,959	\$ 2,959
	Commodity Usage				
49	First Tier - First 125,000 Gals.	638	\$ 4.5296	\$ 2,888	
50	Second Tier - Over 125,000 Gals.	(2)	\$ 5.4352	\$ (9)	
51	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 2,878
52	4" Meter	12	\$ 385.27	\$ 4,623	\$ 4,623
	Commodity Usage				
53	First Tier - First 200,000 Gals.	924	\$ 4.5296	\$ 4,185	
54	Second Tier - Over 200,000 Gals.	-	\$ 5.4352	\$ -	
55	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ 4,185
56	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 400,000 Gals.	-	\$ 4.5296	\$ -	
58	Second Tier - Over 400,000 Gals.	-	\$ 5.4352	\$ -	
59	Third Tier - Over 400,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 675,000 Gals.	-	\$ 4.5296	\$ -	
62	Second Tier - Over 675,000 Gals.	-	\$ 5.4352	\$ -	
63	Third Tier - Over 675,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 1,400,000 Gals.	-	\$ 4.5296	\$ -	
66	Second Tier - Over 1,400,000 Gals.	-	\$ 5.4352	\$ -	
67	Third Tier - Over 1,400,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>2,825</u>		<u>\$ 109,340</u>	
69	Total Commercial Usage	<u>59,127</u>		<u>\$ 296,506</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 405,846</u>

**NORTHERN GROUP - LAKESIDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	24	\$ 15.41	\$ 370	\$ 370
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	61	\$ 3,2489	\$ 199	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2489	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 199
75	1" Meter	12	\$ 38.53	\$ 462	\$ 462
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	960	\$ 3,2489	\$ 3,120	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2489	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 3,120
79	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 3,2489	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2489	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 3,2489	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2489	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 3,2489	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2489	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 3,2489	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2489	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 3,2489	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2489	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 3,2489	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 3,2489	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>36</u>		<u>\$ 832</u>	
104	Total Industrial Usage	<u>1,021</u>		<u>\$ 3,318</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 4,151</u>

**NORTHERN GROUP - LAKESIDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	312	\$ 25.00	\$ 7,800	\$ 7,800
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>312</u>		<u>\$ 7,800</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 7,800</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-		\$ -	\$ -
117	Coin Machine	-		\$ -	\$ -
118	Commodity Usage	-		\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 65,000 Gals.	-	\$ 4.5296	\$ -	
121	Second Tier - Over 65,000 Gals.	-	\$ 5.4352	\$ -	
122	Third Tier - Over 65,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	29	\$ 246.57	\$ 7,151	\$ 7,151
124	First Tier - First 125,000 Gals.	1,347	\$ 4.5296	\$ 6,103	
125	Second Tier - Over 125,000 Gals.	2,673	\$ 5.4352	\$ 14,528	
126	Third Tier - Over 1275,000 Gals.	-	\$ -	\$ -	\$ 20,631
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 200,000 Gals.	-	\$ 4.5296	\$ -	
129	Second Tier - Over 200,000 Gals.	-	\$ 5.4352	\$ -	
130	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 4.5296	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 4.5296	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 4.5296	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 4.5296	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**NORTHERN GROUP - LAKESIDE
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 4.5296	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 4.5296	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ 3.7749	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>29</u>		<u>\$ 7,151</u>	
144	Total Other Water Revenue Usage	<u>4,020</u>		<u>\$ 20,631</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 27,782</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 1,025,695</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 1,431,173</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 2,456,867</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				25,579
151	RUCO TOTAL REVENUE				<u>\$ 2,482,446</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE WAR-1				\$ 2,482,446
153	Revenue Adjustment Associated With Conservation Per Schedule WAR-1				\$ (27,137)
154	Revenue Requirement Based On Cost Of Service Per Schedule WAR-1				\$ 2,455,309

**NORTHERN GROUP - LAKESIDE
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 17.81	\$ -	\$ 17.81	\$ 13.37		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	No Tiers		1st Tier - First 3,000	\$ 4.3000	\$ -	\$ 4.3000	\$ 5.0020	\$ 3.2629	
3			2nd Tier - Next 7,000	\$ 4.3000	\$ -	\$ 4.3000	\$ 6.0020	\$ 4.5296	
4			3rd Tier - Over 10,000	\$ 4.3000	\$ -	\$ 4.3000	\$ 7.2020	\$ 5.4352	
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 4312	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		1,078	25.00%	\$ 22.45	\$ -	\$ 22.45	\$ 18.93	\$ (3.52)	-15.67%
6		2,156	50.00%	\$ 27.08	\$ -	\$ 27.08	\$ 22.45	\$ (4.64)	-17.12%
7		4,312	100.00%	\$ 36.35	\$ -	\$ 36.35	\$ 31.14	\$ (5.21)	-14.33%
8		6,468	150.00%	\$ 45.62	\$ -	\$ 45.62	\$ 40.91	\$ (4.71)	-10.33%
9		8,624	200.00%	\$ 54.89	\$ -	\$ 54.89	\$ 50.67	\$ (4.22)	-7.69%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 2314	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		579	25.00%	\$ 20.30	\$ -	\$ 20.30	\$ 17.30	\$ (3.00)	-14.78%
11		1,157	50.00%	\$ 22.79	\$ -	\$ 22.79	\$ 19.19	\$ (3.60)	-15.80%
12		2,314	100.00%	\$ 27.76	\$ -	\$ 27.76	\$ 22.96	\$ (4.80)	-17.29%
13		3,471	150.00%	\$ 32.74	\$ -	\$ 32.74	\$ 27.33	\$ (5.40)	-16.50%
14		4,628	200.00%	\$ 37.71	\$ -	\$ 37.71	\$ 32.57	\$ (5.14)	-13.62%

**NORTHERN GROUP - OVERGAARD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	49,318	\$ 15.41	\$ 760,033	\$ 760,033
	Commodity Usage				
2	First Tier - First 3,000 Gals.	64,939	\$ 2.9348	\$ 190,579	
3	Second Tier - Next 7,000 Gals.	42,442	\$ 4.1128	\$ 174,558	
4	Third Tier - Over 10,000 Gals.	29,008	\$ 4.9351	\$ 143,157	\$ 508,294
5	1" Meter	60	\$ 38.53	\$ 2,312	\$ 2,312
	Commodity Usage				
6	First Tier - First 10,000 Gals.	395	\$ 4.1128	\$ 1,624	
7	Second Tier - Over 10,000 Gals.	358	\$ 4.9351	\$ 1,769	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 3,393
9	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
10	First Tier - First 50,000 Gals.	-	\$ 4.1128	\$ -	
11	Second Tier - Over 50,000 Gals.	-	\$ 4.9351	\$ -	
12	Third Tier - Over 50,000 Gals.	-	\$ -	\$ -	\$ -
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 1255,000 Gals.	-	\$ 4.1128	\$ -	
15	Second Tier - Over 125,000 Gals.	-	\$ 4.9351	\$ -	
16	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 200,000 Gals.	-	\$ 4.1128	\$ -	
19	Second Tier - Over 200,000 Gals.	-	\$ 4.9351	\$ -	
20	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 350,000 Gals.	-	\$ 4.1128	\$ -	
23	Second Tier - Over 350,000 Gals.	-	\$ 4.9351	\$ -	
24	Third Tier - Over 350,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 650,000 Gals.	-	\$ 4.1128	\$ -	
27	Second Tier - Over 650,000 Gals.	-	\$ 4.9351	\$ -	
28	Third Tier - Over 650,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 1,400,000 Gals.	-	\$ 4.1128	\$ -	
31	Second Tier - Over 1,400,000 Gals.	-	\$ 4.9351	\$ -	
32	Third Tier - Over 1,400,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>49,378</u>		<u>\$ 762,344</u>	
34	Total Residential Usage	<u>137,142</u>		<u>\$ 511,687</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 1,274,031</u>

**NORTHERN GROUP - OVERGAARD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	629	\$ 15.41	\$ 9,693	\$ 9,693
	Commodity Usage				
37	First Tier - First 10,000 Gals.	1,840	\$ 4.1128	\$ 7,568	
38	Second Tier - Over 10,000 Gals.	1,277	\$ 4.9351	\$ 6,302	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 13,870
40	1" Meter	102	\$ 38.53	\$ 3,930	\$ 3,930
	Commodity Usage				
41	First Tier - First 15,000 Gals.	926	\$ 4.1128	\$ 3,809	
42	Second Tier - Over 15,000 Gals.	713	\$ 4.9351	\$ 3,518	
43	Third Tier - Over 15,000 Gals.	-	\$ -	\$ -	\$ 7,327
44	2" Meter	228	\$ 123.29	\$ 28,109	\$ 28,109
	Commodity Usage				
45	First Tier - First 65,000 Gals.	6,327	\$ 4.1128	\$ 26,020	
46	Second Tier - Over 65,000 Gals.	1,588	\$ 4.9351	\$ 7,838	
47	Third Tier - Over 65,000 Gals.	-	\$ -	\$ -	\$ 33,858
48	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
49	First Tier - First 125,000 Gals.	-	\$ 4.1128	\$ -	
50	Second Tier - Over 125,000 Gals.	-	\$ 4.9351	\$ -	
51	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
52	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
53	First Tier - First 200,000 Gals.	-	\$ 4.1128	\$ -	
54	Second Tier - Over 200,000 Gals.	-	\$ 4.9351	\$ -	
55	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ -
56	6" Meter	12	\$ 770.54	\$ 9,247	\$ 9,247
	Commodity Usage				
57	First Tier - First 400,000 Gals.	3,137	\$ 4.1128	\$ 12,903	
58	Second Tier - Over 400,000 Gals.	480	\$ 4.9351	\$ 2,367	
59	Third Tier - Over 400,000 Gals.	-	\$ -	\$ -	\$ 15,270
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 675,000 Gals.	-	\$ 4.1128	\$ -	
62	Second Tier - Over 675,000 Gals.	-	\$ 4.9351	\$ -	
63	Third Tier - Over 675,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 1,400,000 Gals.	-	\$ 4.1128	\$ -	
66	Second Tier - Over 1,400,000 Gals.	-	\$ 4.9351	\$ -	
67	Third Tier - Over 1,400,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>971</u>		<u>\$ 50,979</u>	
69	Total Commercial Usage	<u>16,288</u>		<u>\$ 70,325</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 121,304</u>

**NORTHERN GROUP - OVERGAARD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 2.9500	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 2.9500	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	-	\$ 38.53	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 2.9500	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 2.9500	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 2.9500	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 2.9500	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 2.9500	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 2.9500	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 2.9500	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 2.9500	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 2.9500	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 2.9500	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 2.9500	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 2.9500	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 2.9500	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 2.9500	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	-			
104	Total Industrial Usage	-			
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				\$ -

**NORTHERN GROUP - OVERGAARD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	240	\$ 25.00	\$ 6,000	\$ 6,000
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>240</u>	\$ -	<u>\$ 6,000</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 6,000</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 65,000 Gals.	-	\$ 4,1128	\$ -	
121	Second Tier - Over 65,000 Gals.	-	\$ 4,9351	\$ -	
122	Third Tier - Over 65,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	14	\$ 246.57	\$ 3,452	\$ 3,452
124	First Tier - First 125,000 Gals.	1,098	\$ 4,1128	\$ 4,514	
125	Second Tier - Over 125,000 Gals.	427	\$ 4,9351	\$ 2,109	
126	Third Tier - Over 1275,000 Gals.	-	\$ -	\$ -	\$ 6,623
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 200,000 Gals.	-	\$ 4,1128	\$ -	
129	Second Tier - Over 200,000 Gals.	-	\$ 4,9351	\$ -	
130	Third Tier - Over 200,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 4,1128	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 4,1128	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 4,1128	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 4,1128	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**NORTHERN GROUP - OVERGAARD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 4.1128	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 4.1128	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ 3.4276	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>14</u>		<u>\$ 3,452</u>	
144	Total Other Water Revenue Usage	<u>1,525</u>		<u>\$ 6,623</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 10,075</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 822,775</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 588,635</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 1,411,410</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				24,422
151	RUCO TOTAL REVENUE				<u>\$ 1,435,832</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE WAR-1				\$ 1,435,832
153	Revenue Adjustment Associated With Conservation Per Schedule WAR-1				\$ (21,775)
154	Revenue Requirement Based On Cost Of Service Per Schedule WAR-1				\$ 1,414,057

**NORTHERN GROUP - OVERGAARD
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 18.40	\$ -	\$ 18.40	\$ 13.37		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	No Tiers		1st Tier - First 3,000	\$ 4.4500	\$ -	\$ 4.4500	\$ 5.0020	\$ 2.9348	
3			2nd Tier - Next 7,000	\$ 4.4500	\$ -	\$ 4.4500	\$ 6.0020	\$ 4.1128	
4			3rd Tier - Over 10,000	\$ 4.4500	\$ -	\$ 4.4500	\$ 7.2020	\$ 4.9351	
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 2765	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		691	25.00%	\$ 21.48	\$ -	\$ 21.48	\$ 17.44	\$ (4.04)	-18.80%
6		1,383	50.00%	\$ 24.55	\$ -	\$ 24.55	\$ 19.47	\$ (5.08)	-20.71%
7		2,765	100.00%	\$ 30.70	\$ -	\$ 30.70	\$ 23.53	\$ (7.18)	-23.38%
8		4,148	150.00%	\$ 36.86	\$ -	\$ 36.86	\$ 28.93	\$ (7.92)	-21.49%
9		5,530	200.00%	\$ 43.01	\$ -	\$ 43.01	\$ 34.62	\$ (8.39)	-19.50%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 772	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		193	25.00%	\$ 19.26	\$ -	\$ 19.26	\$ 15.98	\$ (3.28)	-17.04%
11		386	50.00%	\$ 20.12	\$ -	\$ 20.12	\$ 16.54	\$ (3.57)	-17.77%
12		772	100.00%	\$ 21.84	\$ -	\$ 21.84	\$ 17.68	\$ (4.16)	-19.05%
13		1,158	150.00%	\$ 23.55	\$ -	\$ 23.55	\$ 18.81	\$ (4.74)	-20.14%
14		1,544	200.00%	\$ 25.27	\$ -	\$ 25.27	\$ 19.94	\$ (5.33)	-21.09%

**NORTHERN GROUP - SEDONA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	61,847	\$ 15.41	\$ 953,115	\$ 953,115
	Commodity Usage				
2	First Tier - First 3,000 Gals.	161,914	\$ 1.3691	\$ 221,682	
3	Second Tier - Next 7,000 Gals.	218,425	\$ 2.2650	\$ 494,741	
4	Third Tier - Over 10,000 Gals.	254,452	\$ 2.8313	\$ 720,431	\$ 1,436,854
5	1" Meter	5,619	\$ 38.5271	\$ 216,484	\$ 216,484
	Commodity Usage				
6	First Tier - First 10,000 Gals.	39,124	\$ 2.2650	\$ 88,616.90	
7	Second Tier - Over 10,000 Gals.	52,649	\$ 2.8313	\$ 149,064.53	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 237,681
9	2" Meter	440	\$ 123.2868	\$ 54,246	\$ 54,246
	Commodity Usage				
10	First Tier - First 125,000 Gals.	24,455	\$ 2.2650	\$ 55,393	
11	Second Tier - Over 125,000 Gals.	7,496	\$ 2.8313	\$ 21,225	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 76,617
13	3" Meter	-	\$ 246.5737	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 325,000 Gals.	-	\$ 2.2650	\$ -	
15	Second Tier - Over 325,000 Gals.	-	\$ 2.8313	\$ -	
16	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	12	\$ 385.2714	\$ 4,623	\$ 4,623
	Commodity Usage				
18	First Tier - First 500,000 Gals.	5,374	\$ 2.2650	\$ 12,172	
19	Second Tier - Over 500,000 Gals.	344	\$ 2.8313	\$ 974	
20	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 13,146
21	6" Meter	12	\$ 770.5427	\$ 9,247	\$ 9,247
	Commodity Usage				
22	First Tier - First 925,000 Gals.	10,743	\$ 2.2650	\$ 24,332	
23	Second Tier - Over 925,000 Gals.	1,476	\$ 2.8313	\$ 4,179	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 28,512
25	8" Meter	-	\$ 1,232.8684	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 2.2650	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 2.8313	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.7367	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 2.2650	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 2.8313	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>67,930</u>		<u>\$ 1,237,715</u>	
34	Total Residential Usage	<u>776,451</u>		<u>\$ 1,792,811</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 3,030,526</u>

**NORTHERN GROUP - SEDONA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	3,486	\$ 15,4109	\$ 53,722	\$ 53,722
	Commodity Usage				
37	First Tier - First 10,000 Gals.	19,398	\$ 2,2650	\$ 43,938	
38	Second Tier - Over 10,000 Gals.	31,875	\$ 2,8313	\$ 90,248	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 134,186
40	1" Meter	2,444	\$ 38,5271	\$ 94,160	\$ 94,160
	Commodity Usage				
41	First Tier - First 40,000 Gals.	44,216	\$ 2,2650	\$ 100,151	
42	Second Tier - Over 40,000 Gals.	40,212	\$ 2,8313	\$ 113,851	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 214,002
44	2" Meter	1,536	\$ 123,2868	\$ 189,369	\$ 189,369
	Commodity Usage				
45	First Tier - First 125,000 Gals.	95,238	\$ 2,2650	\$ 215,718	
46	Second Tier - Over 125,000 Gals.	51,287	\$ 2,8313	\$ 145,209	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 360,927
48	3" Meter	60	\$ 246,5737	\$ 14,794	\$ 14,794
	Commodity Usage				
49	First Tier - First 325,000 Gals.	14,127	\$ 2,2650	\$ 31,997	
50	Second Tier - Over 325,000 Gals.	21,967	\$ 2,8313	\$ 62,194	
51	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 94,191
52	4" Meter	83	\$ 385,2714	\$ 31,978	\$ 31,978
	Commodity Usage				
53	First Tier - First 500,000 Gals.	26,629	\$ 2,2650	\$ 60,316	
54	Second Tier - Over 500,000 Gals.	3,632	\$ 2,8313	\$ 10,283	
55	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ 70,599
56	6" Meter	12	\$ 770,5427	\$ 9,247	\$ 9,247
	Commodity Usage				
57	First Tier - First 925,000 Gals.	8,582	\$ 2,2650	\$ 19,439	
58	Second Tier - Over 925,000 Gals.	1,384	\$ 2,8313	\$ 3,919	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ 23,357
60	8" Meter	12	\$ 1,232,8684	\$ 14,794	\$ 14,794
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	12,128	\$ 2,2650	\$ 27,471	
62	Second Tier - Over 1,500,000 Gals.	2,237	\$ 2,8313	\$ 6,334	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ 33,805
64	10" Meter	-	\$ 2,465,7367	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 2,2650	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 2,8313	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>7,633</u>		<u>\$ 408,064</u>	
69	Total Commercial Usage	<u>372,911</u>		<u>\$ 931,068</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 1,339,132</u>

**NORTHERN GROUP - SEDONA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	6	\$ 15.4109	\$ 92	\$ 92
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	133	\$ 1.5780	\$ 209	
73	Second Tier - Next 999,999,999 Gals.	-	\$ -	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 209
75	1" Meter	-	\$ 38.5271	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 1.5780	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 1.5780	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	-	\$ 123.2868	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 1.5780	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 1.5780	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.5737	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 1.5780	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 1.5780	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.2714	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 1.5780	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 1.5780	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.5427	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 1.5780	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 1.5780	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.8684	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 1.5780	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 1.5780	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.7367	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 1.5780	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 1.5780	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>6</u>		<u>\$ 92</u>	
104	Total Industrial Usage	<u>133</u>		<u>\$ 209</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 302</u>

**NORTHERN GROUP - SEDONA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	1,538	\$ 25.00	\$ 38,450	\$ 38,450
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>1,538</u>	\$ -	<u>\$ 38,450</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 38,450</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	11	\$ -	\$ -	\$ -
118	Commodity Usage	248	82.03	\$ 756	\$ 756
119	Construction Water 2" Meter Commodity Usage	1	\$ 123.2868	\$ 123	\$ 123
120	First Tier - First 125,000 Gals.	3	\$ 2,2650	\$ 7	
121	Second Tier - Over 125,000 Gals.	-	\$ 2,8313	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 7
123	Construction Water 3" Meter Commodity Usage	82	\$ 246.5737	\$ 20,219	\$ 20,219
124	First Tier - First 325,000 Gals.	7,259	\$ 2,2650	\$ 16,443	
125	Second Tier - Over 325,000 Gals.	(153)	\$ 2,8313	\$ (433)	
126	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 16,009
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.2714	\$ -	\$ -
128	First Tier - First 500,000 Gals.	-	\$ 2,2650	\$ -	
129	Second Tier - Over 500,000 Gals.	-	\$ 2,8313	\$ -	
130	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.2868	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 2,2650	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 2,2650	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.5737	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 2,2650	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 2,2650	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**NORTHERN GROUP - SEDONA
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770,5427	-	-
140	First Tier - First 1,000,000 Gals.	-	\$ 2,2650	-	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 2,2650	-	
142	Third Tier - Over 1,000,000 Gals.	-	-	-	-
143	Total Other Water Revenue Customer Bills	<u>94</u>		<u>\$ 20,342</u>	
144	Total Other Water Revenue Usage	<u>7,357</u>		<u>\$ 16,772</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 37,114</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 1,704,664</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 2,740,860</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 4,445,523</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				28,567
151	RUCO TOTAL REVENUE				<u>\$ 4,474,090</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE WAR-1				\$ 4,474,090
153	Revenue Adjustment Associated With Conservation Per Schedule WAR-1				\$ (44,421)
154	Revenue Requirement Based On Cost Of Service Per Schedule WAR-1				\$ 4,429,669

**NORTHERN GROUP - SEDONA
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		PRESENT			COMPANY PROPOSED		RUCO PROPOSED		
		ORIGINAL RATES	ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES					
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 15.70	\$ 1.93	\$ 17.63	\$ 22.31		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	No Tiers		1st Tier - First 3,000	\$ 1.6600	\$ 0.1711	\$ 1.8311	\$ 2.2210	\$ 1.3691	
3			2nd Tier - Next 7,000	\$ 1.6600	\$ 0.1711	\$ 1.8311	\$ 2.7760	\$ 2.2650	
4			3rd Tier - Over 10,000	\$ 1.6600	\$ 0.1711	\$ 1.8311	\$ 3.4700	\$ 2.8313	
AVERAGE RESIDENTIAL BILL COMPARISONS									
COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL		VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 10264	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		2,566	25.00%	\$ 19.96	\$ 2.37	\$ 22.33	\$ 18.92	\$ (3.40)	-15.25%
6		5,132	50.00%	\$ 24.22	\$ 2.81	\$ 27.03	\$ 24.35	\$ (2.68)	-9.92%
7		10,264	100.00%	\$ 32.74	\$ 3.69	\$ 36.42	\$ 36.12	\$ (0.30)	-0.83%
8		15,396	150.00%	\$ 41.26	\$ 4.56	\$ 45.82	\$ 50.65	\$ 4.83	10.54%
9		20,528	200.00%	\$ 49.78	\$ 5.44	\$ 55.22	\$ 65.18	\$ 9.96	18.04%
MEDIAN RESIDENTIAL BILL COMPARISONS									
COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL		VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 6190	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,548	25.00%	\$ 18.27	\$ 2.19	\$ 20.46	\$ 17.53	\$ (2.93)	-14.34%
11		3,095	50.00%	\$ 20.84	\$ 2.46	\$ 23.30	\$ 19.73	\$ (3.56)	-15.30%
12		6,190	100.00%	\$ 25.98	\$ 2.99	\$ 28.96	\$ 26.74	\$ (2.22)	-7.67%
13		9,285	150.00%	\$ 31.11	\$ 3.52	\$ 34.63	\$ 33.75	\$ (0.88)	-2.53%
14		12,380	200.00%	\$ 36.25	\$ 4.05	\$ 40.30	\$ 42.11	\$ 1.81	4.50%

**NORTHERN GROUP - PINWOOD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	34,343	\$ 15.41	\$ 529,254	\$ 529,254
	Commodity Usage				
2	First Tier - First 3,000 Gals.	39,818	\$ 4.1929	\$ 166,956	
3	Second Tier - Next 7,000 Gals.	25,534	\$ 5.9776	\$ 152,630	
4	Third Tier - Over 10,000 Gals.	17,323	\$ 7.4721	\$ 129,440	\$ 449,026
5	1" Meter	59	\$ 38.53	\$ 2,273	\$ 2,273
	Commodity Usage				
6	First Tier - First 10,000 Gals.	206	\$ 5.9776	\$ 1,230	
7	Second Tier - Over 10,000 Gals.	99	\$ 7.4721	\$ 742	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 1,972
9	2" Meter	24	\$ 123.29	\$ 2,959	\$ 2,959
	Commodity Usage				
10	First Tier - First 125,000 Gals.	1,740	\$ 5.9776	\$ 10,400	
11	Second Tier - Over 125,000 Gals.	3,910	\$ 7.4721	\$ 29,213	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 39,613
13	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 325,000 Gals.	-	\$ 5.9776	\$ -	
15	Second Tier - Over 325,000 Gals.	-	\$ 7.4721	\$ -	
16	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 500,000 Gals.	-	\$ 5.9776	\$ -	
19	Second Tier - Over 500,000 Gals.	-	\$ 7.4721	\$ -	
20	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 925,000 Gals.	-	\$ 5.9776	\$ -	
23	Second Tier - Over 925,000 Gals.	-	\$ 7.4721	\$ -	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 5.9776	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 7.4721	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 5.9776	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 7.4721	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>34,426</u>		<u>\$ 534,486</u>	
34	Total Residential Usage	<u>88,630</u>		<u>\$ 490,612</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 1,025,098</u>

**NORTHERN GROUP - PINWOOD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	192	\$ 15.41	\$ 2,959	\$ 2,959
	Commodity Usage				
37	First Tier - First 10,000 Gals.	772	\$ 5.9776	\$ 4,616	
38	Second Tier - Over 10,000 Gals.	1,362	\$ 7.4721	\$ 10,175	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 14,791
40	1" Meter	12	\$ 38.53	\$ 462	\$ 462
	Commodity Usage				
41	First Tier - First 40,000 Gals.	72	\$ 5.9776	\$ 428	
42	Second Tier - Over 40,000 Gals.	-	\$ 7.4721	\$ -	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 428
44	2" Meter	31	\$ 123.29	\$ 3,822	\$ 3,822
	Commodity Usage				
45	First Tier - First 125,000 Gals.	1,442	\$ 5.9776	\$ 8,618	
46	Second Tier - Over 125,000 Gals.	350	\$ 7.4721	\$ 2,617	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 11,235
48	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
49	First Tier - First 325,000 Gals.	-	\$ 5.9776	\$ -	
50	Second Tier - Over 325,000 Gals.	-	\$ 7.4721	\$ -	
51	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
52	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
53	First Tier - First 500,000 Gals.	-	\$ 5.9776	\$ -	
54	Second Tier - Over 500,000 Gals.	-	\$ 7.4721	\$ -	
55	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
56	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 925,000 Gals.	-	\$ 5.9776	\$ -	
58	Second Tier - Over 925,000 Gals.	-	\$ 7.4721	\$ -	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	-	\$ 5.9776	\$ -	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 7.4721	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 5.9776	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 7.4721	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>235</u>		<u>\$ 7,243</u>	
69	Total Commercial Usage	<u>3,998</u>		<u>\$ 26,455</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 33,698</u>

**NORTHERN GROUP - PINWOOD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.41	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 5.9776	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9776	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	12	\$ 38.53	\$ 462	\$ 462
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	1	\$ 5.9776	\$ 4	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9776	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ 4
79	2" Meter	-	\$ 123.29	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 5.9776	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9776	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.57	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 5.9776	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9776	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.27	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 5.9776	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9776	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.54	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 5.9776	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9776	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.87	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 5.9776	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9776	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.74	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 5.9776	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 5.9776	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills	<u>12</u>		<u>\$ 462</u>	
104	Total Industrial Usage	<u>1</u>		<u>\$ 4</u>	
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				<u>\$ 467</u>

**NORTHERN GROUP - PINWOOD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	36	\$ 25.00	\$ 900	\$ 900
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>36</u>		<u>\$ 900</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 900</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 5.9776	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 7.4721	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	6	\$ 246.57	\$ 1,479	\$ 1,479
124	First Tier - First 325,000 Gals.	124	\$ 5.9776	\$ 744	
125	Second Tier - Over 325,000 Gals.	-	\$ 7.4721	\$ -	
126	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 744
127	Construction Water 4" Meter Commodity Usage	-	\$ 385.27	\$ -	\$ -
128	First Tier - First 500,000 Gals.	-	\$ 5.9776	\$ -	
129	Second Tier - Over 500,000 Gals.	-	\$ 7.4721	\$ -	
130	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123.29	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 5.9776	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 5.9776	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246.57	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 5.9776	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 5.9776	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**NORTHERN GROUP - PINWOOD
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770.54	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 5.9776	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 5.9776	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>6</u>		<u>\$ 1,479</u>	
144	Total Other Water Revenue Usage	<u>124</u>		<u>\$ 744</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 2,223</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 544,571</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 517,814</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 1,062,385</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				6,859
151	RUCO TOTAL REVENUE				<u>\$ 1,069,244</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE WAR-1				\$ 1,069,244
153	Revenue Adjustment Associated With Conservation Per Schedule WAR-1				\$ (14,494)
154	Revenue Requirement Based On Cost Of Service Per Schedule WAR-1				\$ 1,054,749

**NORTHERN GROUP - PINWOOD
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 19.86	\$ -	\$ 19.86	\$ 22.31		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	No Tiers		1st Tier - First 3,000	\$ 3.6900	\$ -	\$ 3.6900	\$ 3.4360	\$ 4.1929	
3			2nd Tier - Next 7,000	\$ 3.6900	\$ -	\$ 3.6900	\$ 4.2950	\$ 5.9776	
4			3rd Tier - Over 10,000	\$ 3.6900	\$ -	\$ 3.6900	\$ 5.3688	\$ 7.4721	
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 2407	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		602	25.00%	\$ 22.08	\$ -	\$ 22.08	\$ 17.93	\$ (4.15)	-18.78%
6		1,204	50.00%	\$ 24.30	\$ -	\$ 24.30	\$ 20.46	\$ (3.84)	-15.82%
7		2,407	100.00%	\$ 28.74	\$ -	\$ 28.74	\$ 25.50	\$ (3.24)	-11.27%
8		3,611	150.00%	\$ 33.18	\$ -	\$ 33.18	\$ 31.64	\$ (1.54)	-4.65%
9		4,814	200.00%	\$ 37.62	\$ -	\$ 37.62	\$ 38.83	\$ 1.21	3.21%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 536	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		134	25.00%	\$ 20.35	\$ -	\$ 20.35	\$ 15.97	\$ (4.38)	-21.53%
11		268	50.00%	\$ 20.85	\$ -	\$ 20.85	\$ 16.53	\$ (4.31)	-20.69%
12		536	100.00%	\$ 21.84	\$ -	\$ 21.84	\$ 17.66	\$ (4.18)	-19.14%
13		804	150.00%	\$ 22.83	\$ -	\$ 22.83	\$ 18.78	\$ (4.04)	-17.72%
14		1,072	200.00%	\$ 23.82	\$ -	\$ 23.82	\$ 19.91	\$ (3.91)	-16.42%

**NORTHERN GROUP - RIMROCK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
RESIDENTIAL CUSTOMERS					
1	5/8" X 3/4" Meter	14,756	\$ 15.41	\$ 227,402	\$ 227,402
	Commodity Usage				
2	First Tier - First 3,000 Gals.	35,813	\$ 5.5094	\$ 197,306	
3	Second Tier - Next 7,000 Gals.	35,136	\$ 6.1490	\$ 216,053	
4	Third Tier - Over 10,000 Gals.	20,028	\$ 7.6863	\$ 153,938	\$ 567,298
5	1" Meter	86	\$ 38.5271	\$ 3,313	\$ 3,313
	Commodity Usage				
6	First Tier - First 10,000 Gals.	452	\$ 6.1490	\$ 2,782	
7	Second Tier - Over 10,000 Gals.	103	\$ 7.6863	\$ 790	
8	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 3,572
9	2" Meter	18	\$ 123.2868	\$ 2,219	\$ 2,219
	Commodity Usage				
10	First Tier - First 125,000 Gals.	113	\$ 6.1490	\$ 692	
11	Second Tier - Over 125,000 Gals.	-	\$ 7.6863	\$ -	
12	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 692
13	3" Meter	-	\$ 246.5737	\$ -	\$ -
	Commodity Usage				
14	First Tier - First 325,000 Gals.	-	\$ 6.1490	\$ -	
15	Second Tier - Over 325,000 Gals.	-	\$ 7.6863	\$ -	
16	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
17	4" Meter	-	\$ 385.2714	\$ -	\$ -
	Commodity Usage				
18	First Tier - First 500,000 Gals.	-	\$ 6.1490	\$ -	
19	Second Tier - Over 500,000 Gals.	-	\$ 7.6863	\$ -	
20	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
21	6" Meter	-	\$ 770.5427	\$ -	\$ -
	Commodity Usage				
22	First Tier - First 925,000 Gals.	-	\$ 6.1490	\$ -	
23	Second Tier - Over 925,000 Gals.	-	\$ 7.6863	\$ -	
24	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
25	8" Meter	-	\$ 1,232.8684	\$ -	\$ -
	Commodity Usage				
26	First Tier - First 1,500,000 Gals.	-	\$ 6.1490	\$ -	
27	Second Tier - Over 1,500,000 Gals.	-	\$ 7.6863	\$ -	
28	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
29	10" Meter	-	\$ 2,465.7367	\$ -	\$ -
	Commodity Usage				
30	First Tier - First 3,000,000 Gals.	-	\$ 6.1490	\$ -	
31	Second Tier - Over 3,000,000 Gals.	-	\$ 7.6863	\$ -	
32	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
33	Total Residential Customer Bills	<u>14,860</u>		<u>\$ 232,934</u>	
34	Total Residential Usage	<u>91,645</u>		<u>\$ 571,561</u>	
35	TOTAL RESIDENTIAL CUSTOMERS REVENUE				<u>\$ 804,496</u>

**NORTHERN GROUP - RIMROCK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
COMMERCIAL CUSTOMERS					
36	5/8" X 3/4" Meter	182	\$ 15.4109	\$ 2,805	\$ 2,805
	Commodity Usage				
37	First Tier - First 10,000 Gals.	554	\$ 6.1490	\$ 3,408	
38	Second Tier - Over 10,000 Gals.	302	\$ 7.6863	\$ 2,317	
39	Third Tier - Over 10,000 Gals.	-	\$ -	\$ -	\$ 5,725
40	1" Meter	24	\$ 38.5271	\$ 925	\$ 925
	Commodity Usage				
41	First Tier - First 40,000 Gals.	946	\$ 6.1490	\$ 5,814	
42	Second Tier - Over 40,000 Gals.	1,385	\$ 7.6863	\$ 10,644	
43	Third Tier - Over 40,000 Gals.	-	\$ -	\$ -	\$ 16,458
44	2" Meter	28	\$ 123.2868	\$ 3,452	\$ 3,452
	Commodity Usage				
45	First Tier - First 125,000 Gals.	1,336	\$ 6.1490	\$ 8,215	
46	Second Tier - Over 125,000 Gals.	-	\$ 7.6863	\$ -	
47	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ 8,215
48	3" Meter	-	\$ 246.5737	\$ -	\$ -
	Commodity Usage				
49	First Tier - First 325,000 Gals.	-	\$ 6.1490	\$ -	
50	Second Tier - Over 325,000 Gals.	-	\$ 7.6863	\$ -	
51	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ -
52	4" Meter	-	\$ 385.2714	\$ -	\$ -
	Commodity Usage				
53	First Tier - First 500,000 Gals.	-	\$ 6.1490	\$ -	
54	Second Tier - Over 500,000 Gals.	-	\$ 7.6863	\$ -	
55	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
56	6" Meter	-	\$ 770.5427	\$ -	\$ -
	Commodity Usage				
57	First Tier - First 925,000 Gals.	-	\$ 6.1490	\$ -	
58	Second Tier - Over 925,000 Gals.	-	\$ 7.6863	\$ -	
59	Third Tier - Over 925,000 Gals.	-	\$ -	\$ -	\$ -
60	8" Meter	-	\$ 1,232.8684	\$ -	\$ -
	Commodity Usage				
61	First Tier - First 1,500,000 Gals.	-	\$ 6.1490	\$ -	
62	Second Tier - Over 1,500,000 Gals.	-	\$ 7.6863	\$ -	
63	Third Tier - Over 1,500,000 Gals.	-	\$ -	\$ -	\$ -
64	10" Meter	-	\$ 2,465.7367	\$ -	\$ -
	Commodity Usage				
65	First Tier - First 3,000,000 Gals.	-	\$ 6.1490	\$ -	
66	Second Tier - Over 3,000,000 Gals.	-	\$ 7.6863	\$ -	
67	Third Tier - Over 3,000,000 Gals.	-	\$ -	\$ -	\$ -
68	Total Commercial Customer Bills	<u>234</u>		<u>\$ 7,181</u>	
69	Total Commercial Usage	<u>4,522</u>		<u>\$ 30,398</u>	
70	TOTAL COMMERCIAL CUSTOMERS REVENUE				<u>\$ 37,580</u>

**NORTHERN GROUP - RIMROCK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
INDUSTRIAL CUSTOMERS					
71	5/8" X 3/4" Meter	-	\$ 15.4109	\$ -	\$ -
	Commodity Usage				
72	First Tier - First 999,999,999 Gals.	-	\$ 6.1490	\$ -	
73	Second Tier - Next 999,999,999 Gals.	-	\$ 6.1490	\$ -	
74	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
75	1" Meter	-	\$ 38.5271	\$ -	\$ -
	Commodity Usage				
76	First Tier - First 999,999,999 Gals.	-	\$ 6.1490	\$ -	
77	Second Tier - Next 999,999,999 Gals.	-	\$ 6.1490	\$ -	
78	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
79	2" Meter	-	\$ 123.2868	\$ -	\$ -
	Commodity Usage				
80	First Tier - First 999,999,999 Gals.	-	\$ 6.1490	\$ -	
81	Second Tier - Next 999,999,999 Gals.	-	\$ 6.1490	\$ -	
82	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
83	3" Meter	-	\$ 246.5737	\$ -	\$ -
	Commodity Usage				
84	First Tier - First 999,999,999 Gals.	-	\$ 6.1490	\$ -	
85	Second Tier - Next 999,999,999 Gals.	-	\$ 6.1490	\$ -	
86	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
87	4" Meter	-	\$ 385.2714	\$ -	\$ -
	Commodity Usage				
88	First Tier - First 999,999,999 Gals.	-	\$ 6.1490	\$ -	
89	Second Tier - Next 999,999,999 Gals.	-	\$ 6.1490	\$ -	
90	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
91	6" Meter	-	\$ 770.5427	\$ -	\$ -
	Commodity Usage				
92	First Tier - First 999,999,999 Gals.	-	\$ 6.1490	\$ -	
93	Second Tier - Next 999,999,999 Gals.	-	\$ 6.1490	\$ -	
94	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
95	8" Meter	-	\$ 1,232.8684	\$ -	\$ -
	Commodity Usage				
96	First Tier - First 999,999,999 Gals.	-	\$ 6.1490	\$ -	
97	Second Tier - Next 999,999,999 Gals.	-	\$ 6.1490	\$ -	
98	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
99	10" Meter	-	\$ 2,465.7367	\$ -	\$ -
	Commodity Usage				
100	First Tier - First 999,999,999 Gals.	-	\$ 6.1490	\$ -	
101	Second Tier - Next 999,999,999 Gals.	-	\$ 6.1490	\$ -	
102	Third Tier - Over 999,999,999 Gals.	-	\$ -	\$ -	\$ -
103	Total Industrial Customer Bills				
104	Total Industrial Usage				
105	TOTAL INDUSTRIAL CUSTOMERS REVENUE				\$ -

**NORTHERN GROUP - RIMROCK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMINTS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
PRIVATE FIRE SERVICE CUSTOMERS					
106	5/8" Meter	10	\$ 25.00	\$ 250	\$ 250
107	1" Meter	-	\$ 25.00	\$ -	\$ -
108	2" Meter	-	\$ 25.00	\$ -	\$ -
109	3" Meter	-	\$ 25.00	\$ -	\$ -
110	4" Meter	-	\$ 25.00	\$ -	\$ -
111	6" Meter	-	\$ 25.00	\$ -	\$ -
112	8" Meter	-	\$ 25.00	\$ -	\$ -
113	10" Meter	-	\$ 25.00	\$ -	\$ -
114	Total Private Fire Service Customers	<u>10</u>		<u>\$ 250</u>	
115	TOTAL PRIVATE FIRE SERVICE CUSTOMERS REVENUE				<u>\$ 250</u>
OTHER WATER REVENUE CUSTOMERS					
116	Public Fire Hydrant	-	\$ -	\$ -	\$ -
117	Coin Machine	-	\$ -	\$ -	\$ -
118	Commodity Usage	-	\$ -	\$ -	\$ -
119	Construction Water 2" Meter Commodity Usage	-	\$ 123,2868	\$ -	\$ -
120	First Tier - First 125,000 Gals.	-	\$ 6,1490	\$ -	
121	Second Tier - Over 125,000 Gals.	-	\$ 7,6863	\$ -	
122	Third Tier - Over 125,000 Gals.	-	\$ -	\$ -	\$ -
123	Construction Water 3" Meter Commodity Usage	27	\$ 246,5737	\$ 6,657	\$ 6,657
124	First Tier - First 325,000 Gals.	1,894	\$ 6,1490	\$ 11,647	
125	Second Tier - Over 325,000 Gals.	213	\$ 7,6863	\$ 1,636	
126	Third Tier - Over 325,000 Gals.	-	\$ -	\$ -	\$ 13,283
127	Construction Water 4" Meter Commodity Usage	-	\$ 385,2714	\$ -	\$ -
128	First Tier - First 500,000 Gals.	-	\$ 6,1490	\$ -	
129	Second Tier - Over 500,000 Gals.	-	\$ 7,6863	\$ -	
130	Third Tier - Over 500,000 Gals.	-	\$ -	\$ -	\$ -
131	Sales For Resales 2" Meter Commodity Usage	-	\$ 123,2868	\$ -	\$ -
132	First Tier - First 1,000,000 Gals.	-	\$ 6,1490	\$ -	
133	Second Tier - Next 1,000,000 Gals.	-	\$ 6,1490	\$ -	
134	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
135	Sales For Resales 3" Meter Commodity Usage	-	\$ 246,5737	\$ -	\$ -
136	First Tier - First 1,000,000 Gals.	-	\$ 6,1490	\$ -	
137	Second Tier - Next 1,000,000 Gals.	-	\$ 6,1490	\$ -	
138	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -

**NORTHERN GROUP - RIMROCK
RATE DESIGN AND PROOF OF RECOMMENDED REVENUE**

LINE NO.	DESCRIPTION	(A) TEST YEAR ADJUSTED DETERMIN'TS	(B) PROPOSED CHARGES & USAGE FEES	(C) PROPOSED REVENUES	(D) TOTAL REVENUES
139	Sales For Resales 6" Meter Commodity Usage	-	\$ 770,5427	\$ -	\$ -
140	First Tier - First 1,000,000 Gals.	-	\$ 6,1490	\$ -	
141	Second Tier - Next 1,000,000 Gals.	-	\$ 6,1490	\$ -	
142	Third Tier - Over 1,000,000 Gals.	-	\$ -	\$ -	\$ -
143	Total Other Water Revenue Customer Bills	<u>27</u>		<u>\$ 6,657</u>	
144	Total Other Water Revenue Usage	<u>2,107</u>		<u>\$ 13,283</u>	
145	TOTAL OTHER WATER CUSTOMERS REVENUE				<u>\$ 19,941</u>
146	TOTAL FIXED REVENUE CUSTOMER BILLS			<u>\$ 247,023</u>	
147	TOTAL VARIABLE REVENUE WATER USAGE			<u>\$ 615,243</u>	
148	RUCO TOTAL PROPOSED REVENUE PER BILL COUNT				<u>\$ 862,266</u>
149	Unreconciled Difference vs. Billed Revenues				\$ -
150	Miscellaneous Revenues				8,461
151	RUCO TOTAL REVENUE				<u>\$ 870,727</u>
152	RUCO ADJUSTED TEST-YEAR REVENUE PER SCHEDULE WAR-1				\$ 870,727
153	Revenue Adjustment Associated With Conservation Per Schedule WAR-1				\$ 10,706
154	Revenue Requirement Based On Cost Of Service Per Schedule WAR-1				\$ 881,433

**NORTHERN GROUP - RIMROCK
TYPICAL RESIDENTIAL BILL ANALYSIS**

LINE NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
		ORIGINAL RATES	PRESENT ADDITIONAL ACRM / PPA SURCHARGES	TOTAL PRESENT RATES	COMPANY PROPOSED	RUCO PROPOSED			
RESIDENTIAL (5/8" X 3/4") RATE DESIGN									
1	BASIC MONTHLY CHARGE	\$ 16.10	\$ 7.44	\$ 23.54	\$ 22.31		\$ 15.41		
COMMODITY CHARGE (Per 1,000 Gallons)									
		PRESENT	PROPOSED						
2	No Tiers		1st Tier - First 3,000	\$ 2.5000	\$ 1.2081	\$ 3.7081	\$ 3.4360	\$ 5.5094	
3			2nd Tier - Next 7,000	\$ 2.5000	\$ 1.2081	\$ 3.7081	\$ 4.2950	\$ 6.1490	
4			3rd Tier - Over 10,000	\$ 2.5000	\$ 1.2081	\$ 3.7081	\$ 5.3688	\$ 7.6868	
AVERAGE RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT AVERAGE USAGE OF 6165	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
5		1,541	25.00%	\$ 19.95	\$ 9.30	\$ 29.26	\$ 23.90	\$ (5.35)	-18.30%
6		3,083	50.00%	\$ 23.81	\$ 11.16	\$ 34.97	\$ 32.45	\$ (2.52)	-7.22%
7		6,165	100.00%	\$ 31.51	\$ 14.89	\$ 46.40	\$ 51.40	\$ 5.00	10.78%
8		9,248	150.00%	\$ 39.22	\$ 18.61	\$ 57.83	\$ 70.35	\$ 12.52	21.66%
9		12,330	200.00%	\$ 46.93	\$ 22.34	\$ 69.26	\$ 92.89	\$ 23.63	34.12%
MEDIAN RESIDENTIAL BILL COMPARISONS									
	COST OF WATER SERVICE AT DIFFERENT LEVELS OF USAGE WITH PERCENTAGE INCREASE IN BILL	VARIABLE MONTHLY USAGE	PERCENT MEDIAN USAGE OF 4128	PRESENT BASE RATE MONTHLY COST	PRESENT SURCHARGE MONTHLY COST	PRESENT TOTAL MONTHLY COST	RUCO MONTHLY COST	RUCO MONTHLY INCREASE	% MONTHLY INCREASE
10		1,032	25.00%	\$ 18.68	\$ 8.69	\$ 27.37	\$ 21.10	\$ (6.27)	-22.91%
11		2,064	50.00%	\$ 21.26	\$ 9.93	\$ 31.19	\$ 26.78	\$ (4.41)	-14.14%
12		4,128	100.00%	\$ 26.42	\$ 12.43	\$ 38.85	\$ 38.88	\$ 0.03	0.07%
13		6,192	150.00%	\$ 31.58	\$ 14.92	\$ 46.50	\$ 51.57	\$ 5.07	10.89%
14		8,256	200.00%	\$ 36.74	\$ 17.41	\$ 54.15	\$ 64.26	\$ 10.10	18.66%