ORIGINAL

Southwest Florida
Water Management District

An Equal Opportunity Employer

2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
SUNCOM 628-4150 TDD only 1-800-231-6103 (FL only)
On the Internet at: WaterMatters.org

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)
SUNCOM 578-2070

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)
SUNCOM 572-6200

Sarasota Service Office
6750 Fruitville Road
Sarasota, Florida 34240-9711
(941) 377-3722 or
1-800-320-3503 (FL only)
SUNCOM 531-6900

Lecanto Service Office
3600 West Sovereign Path
Suite 226
Lecanto, Florida 34461-8070
(352) 527-8131
SUNCOM 667-3271

November 6, 2001

VIA UPS EXPRESS MAIL

Ms. Blanca S. Bayó, Director
Division of the Commission Clerk
and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0870

Subject: Docket No. 010503-WU

Dear Ms. Bayó:

Enclosed for filing in the above-referenced case are an original and seven copies of the Southwest Florida Water Management District's Exhibits and Direct Testimony for John B. Whitcomb.

Thank you for your attention to this matter. Please contact me at the District's Brooksville headquarters, at extension 4660, if you have any questions about this matter.

Sincerely,

Margaret M. Lytle
Margaret M. Lytle
Assistant General Counsel

MML
Enclosures

cc: Ralph Jaeger, Esquire
F. Marshall Deterding, Esquire
Stephen C. Burgess, Esquire
Mr. Edward Wood

S:\MyFiles\MargLtr\PSCAlohaExh&TestJBW.wpd

DOCKET NO. 010503-WU

ALOHA UTILITIES, INC.

DIRECT TESTIMONY OF JOHN B. WHITCOMB, PHD.

MARGARET M. LYTLE, APPEARING ON BEHALF OF

INTERVENOR, SOUTHWEST FLORIDA WATER

MANAGEMENT DISTRICT

DATE FILED: NOVEMBER 6, 2001

DIRECT TESTIMONY of John B. Whitcomb, PhD.

Q. Please state your name and professional address.

A. John B. Whitcomb, PhD, 1906 19th Street, Golden CO 80401

Q. Have you been retained by the Southwest Florida Water Management District to provide testimony in this proceedings?

A. Yes.

Q. Please provide a brief summary of your qualifications as they relate to this proceeding.

A. I am an economist/statistician who has worked with over 100 water agencies on projects related to water pricing, market research, water conservation intervention analysis, and benefit-cost evaluation as a consultant over the last 12 years. I was the principal investigator of major studies measuring customer understanding and sensitivity to water pricing and bill presentation in Florida, Texas, the Southwestern U.S. (Arizona, California, and Nevada), and Brazil. I have conducted four out of the last five major water price elasticity studies conducted in the U.S. and have worked on over a dozen water cost-of-service studies. I hold a BA in economics and geography from the University of California, Santa Barbara and a PhD in geography and environmental engineering from the Johns Hopkins University.

For this proceeding, it is particularly relevant that I was the lead

statistician of a study conducted for the Southwest Water Management District titled *Water Price Elasticity Study*. The study was originally published in August 1993. Subsequently, I concluded that the type of water use model used with the single family customers in that 1993 study could be improved. This came about from peer review of the original model and my further investigation of this model in other price elasticity studies in other parts of the United States. The limitation of the 1993 single family model is that interactions between water prices and property values were not adequately separated. Using the original database, I re-specified and re-estimated the single family water use model using a more conventional model form. The results of this work, six years after the original report were published, are described in an update of the report of the same name dated August 1999. The big picture findings of the 1993 report did not change. Long-run water price elasticities for the single family Florida homes studied still tend to be about -0.5.

I should also state I am the designer of the Waterate 2001 software program that Aloha Utility, Inc. (Aloha) used as part of this rate case. Waterate 2001 is an Excel workbook that agencies can use as a planning tool to simulate how changes in water and sewer rate structures impact water revenues and water demand. It automates complex calculations and provides a comprehensive, flexible framework from which to evaluate

alternative rate structures. Features include single or multi-block rate structures that can vary by season, short- and long-run price elasticity adjustments specified by customer class, and detailed reporting of expected water use changes over a 5-year planning horizon. Waterate is not a cost-of-service rate model as some often assume. It is purely a tool for assessing the water use impacts from alternative water and sewer rate structures given certain assumptions.

Q. At the request of the South West Florida Water Management District, did you review Aloha's use of Waterate 2001 as applied to this rate case?

A. Yes. I contacted and received on October 31, 2001 an electronic copy of the Excel workbook used by Steve Watford in this case. Steve is the President of Aloha and he called me previously around August 1, 2001 with questions about Waterate 2001. A copy of the Waterate tables provided is attached as Exhibit 1.

Q. In your review, what is your opinion of the appropriateness of the application of Waterate 2001 in this case?

A. While the application was generally appropriate, I found three areas where the accuracy or interpretation of the application can be improved. First, sewer rates need to be factored into the evaluation. In Aloha's Seven Springs Water Division, a customer's sewer bill is based, in part, on monthly water use. Moreover, the sewer rates are both significant and have been significantly increased. It is my understanding that the

residential sewer rate increased from $2.26 per thousand gallons (TG) before December 8, 2000 to $3.41/TG starting May 23, 2001 (there was also an interim rate of $3.65) with a 10 TG cap per month. This is a significant change and is part of the overall price signal customers face. Sewer price should be factored into the price elasticity calculation. The following is a quote from the Waterate 2001 manual:

> Enter water and sewer prices ($/water unit) associated with each rate block. You will need to do so for the year prior to the base year, the base year, and for the planning years (1 to 5).

Second, I am not knowledgeable about FPSC rules on how to factor in long-run price changes into a rate case. It is my opinion that only half of a water price impact on water use will occur in the first year after the change. I provide the following quote from the Waterate 2001 manual:

> In the short-run, customers can affect behavioral changes but are limited in their ability to alter capital investments in outdoor landscaping and water using appliances and fixtures. Once a customer makes a water-related investment it becomes a sunk cost. It may take a long time before that investment needs replacing. It may take an extreme climate fluctuation (e.g., freeze) before landscaping gets replanted with drought-tolerant alternatives (xeriscape). Bathroom fixtures (e.g., toilets) may last for over 30 years. Hence, while increases in water prices may induce

customers to act sooner, it may take some customers years to complete desired changes. In addition, it may take a customer a number of billing cycles just to understand the ramifications of a rate structure change. Because of these factors, price elasticity can be expected to be greater in the long run than in the short run.

Based on review of previous research studies, we recommend that users assume a short-run half life of one year. In other words, 50, 75, and 87.5 % (needs to be rounded in Table 2 of Exhibit 1) of the long-run price impact occurs in the first, second, and third years after a price change respectively. The user can change this progression if desired.

Aloha assumes in its application of Waterate 2001 that all of the long-run price impact will occur in the first year. I think it will be half that in the first year. Again, I do not know how multiple year price impacts are accounted for in the context of this type of rate case so I only present this as an observation so that people can interpret results correctly.

Third, in Waterate Table 8 of Exhibit 1, I noticed that the water prices shown for residential customers in the 0 to 3 TG per month rate tier in 1999 and 2000 are set to $1.32. In reality, for the base years 1999 and 2000 Aloha had a $0 price for the first 3 TG as this water use was part

of the minimum base facility charge. Aloha properly reduced income associated with the base facility charge in Table 7 of Exhibit 1. The net impact of all of this is negligible and does not impact the bottom line results. In future runs, however, it would be cleaner to make this change. In fact, I recently changed the Waterate code to specifically account for minimum water use associated with the base facility charge.

Q. Could your three changes be made in Aloha's run of Waterate 2001?

A. Yes. It would be fairly easy to insert the sewer prices, adjust the short-run price elasticity to fit FPSC rules if necessary, and change the minimum use quantity charge to $0 for the first 0 to 3 TG/month tier.

Q. Is the price elasticity algorithm contained in Waterate and used by Aloha appropriate for this rate case?

A. Yes. The SWFWMD study was based on a relatively large empirical dataset collected for 1,200 individual homes served by 10 SWFWMD retail water agencies. Given the water prices associated with this case, the approximate constant unit price elasticity is about -0.5. The approximate constant unit price elasticity in this case is about -0.5. That means that for every 1% increase in combined water/sewer price over inflation, water use will drop by 0.5% over the long-run. This finding is consistent with other researcher's findings in Florida. For example, such studies are described in Chapter 14 pages 295 to 301 of the Water

Resources Atlas of Florida, 1998. In addition, results are consistent with the other two Southeastern studies conducted by Danielson of 261 homes in Raleigh, North Carolina (indoor elasticity of -0.305 and outdoor elasticity of -1.38) and Ware and North for 14 Georgia Communities (-0.61 and -0.67 depending on model). Given the consistency of findings in general and the local scope of the SWFWMD study in specific, I believe the price elasticities used are appropriate and the best estimates available. In Exhibit 2, I provide references of relevant price elasticity studies.

Further, the price changes I have reviewed in Aloha's case are significant and material. The proposed water rates almost double existing rates. This is on top of the very significant sewer charge increase.

Q. Has Waterate been used at other water agencies?

A. Waterate is not a cost-of-service model, but a rate planning tool. Waterate is most applicable to agencies facing significant changes in revenue requirements or contemplating significant changes in rate structure. This does not happen often as most water agencies make small year-to-year incremental changes. Aloha is an exception as it is looking at doing both. Outside of Florida I have setup and beneficially applied Waterate in Austin TX, San Antonio TX, Corpus Christi TX, Las Vegas NV, Santa Monica CA, Redwood City CA, Petaluma CA, and several agencies in

Brazil. In Florida I have fielded a number of phone calls of people interested in getting a copy of the model or in data input questions. Several consulting firms operating in Florida have also obtained copies of Waterate. I do not know of any agencies using Waterate on an on-going basis, but that is not the purpose of Waterate.

CERTIFICATE OF SERVICE

I certify that a true copy of the foregoing was sent by U.S. Mail to the following persons on this 6 day of November 2001:

Ralph Jaeger, Esquire
Division of Legal Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

F. Marshall Deterding, Esquire
Rose, Sundstrom & Bentley, LLP
2548 Blairstone Pines Drive
Tallahassee, FL 32301

Stephen C. Burgess
Deputy Public Counsel
Office of Public Counsel
111 West Main Street, Room 812
Tallahassee, FL 32399-1400

Mr. Edward Wood
1043 Daleside Drive
New Port Richey, Florida 34655-4293

Margaret M. Lytle
Margaret M. Lytle

TABLE 1. GENERAL INFORMATION

	Customer Class Names			
1.	Residential	**Billing Cycle**		Monthly
2.	General Service 3/4"	**Water Unit**		Thousand Gallons (TG)
3.	General Service 1"			
4.	General Service 1 1/2"	**Year Type**		Calendar Year
5.	General Service 2"			
6.	General Service 3"	**Base Year**		2000
7.	General Service 4"			
8.	General Service 6"	**Planning Horizon (Years)**		1
9.				
10.		**Annual Inflation Rate**		2.5%

DOCKET NO. [illegible]
EXHIBIT NO. 1-JOHN B. WHITCOMB
PAGE 1 OF 24
WATERATE TABLES

TABLE 2. PRICE ELASTICITY

Customer Class	Long-Run Elasticity	Short-Run Adjustment 1st Year	2nd Year	3rd Year	4th Year	Single Family Property Value % Weights Low	Med	High
Residential	Florida	100%	100%	100%	100%	50%	0%	50%
General Service 3/4"	-0.20	100%	100%	100%	100%	33%	0%	67%
General Service 1"	-0.20	100%	100%	100%	100%	33%	0%	67%
General Service 1 1/2"	-0.20	100%	100%	100%	100%	33%	33%	34%
General Service 2"	-0.20	100%	100%	100%	100%	33%	0%	67%
General Service 3"	-0.20	100%	100%	100%	100%	33%	33%	34%
General Service 4"	-0.20	100%	100%	100%	100%	33%	0%	67%
General Service 6"	-0.20	100%	100%	100%	100%	33%	0%	67%

Price Specification
- (•) Marginal Price
- ( ) Average Price

TABLE 3. WATER REVENUE REQUIREMENTS

	Base Year	Five Year Planning Horizon				
	2000	2001	2002	2003	2004	2005
Base Case Revenue Requirements	$1,849,005	$3,012,527	$0	$0	$0	$0
Short-Run Variable Revenue Requirements	$389,484	$1,073,000	$0	$0	$0	$0
Short-Run Variable as % of Total Base Case	21.1%	35.6%				

TABLE 4. WATER ACCOUNTS

Meter Size	EMU Factor	Number of Accounts by Meter Size					
		Base Year	Five Year Planning Horizon				
		2000	2001	2002	2003	2004	2005
All Customer Classes							
5/8"		9,125	9,552	0	0	0	0
3/4"		0	0	0	0	0	0
1"		46	48	0	0	0	0
1.5"		15	16	0	0	0	0
2"		25	26	0	0	0	0
3"		1	1	0	0	0	0
4"		2	2	0	0	0	0
6"		5	6	0	0	0	0
8"		0	0	0	0	0	0
10"		0	0	0	0	0	0
12"		0	0	0	0	0	0
Total Accounts		9,219	9,651	0	0	0	0
Total EMUs		9,831	10,326	0	0	0	0
Residential							
5/8"	1	8,989	9,410				
3/4"	1.5						
1"	2.5						
1.5"	5						
2"	8						
3"	16						
4"	25						
6"	50						
8"	80						
10"	115						
12"	215						
Total Accounts		8,989	9,410	0	0	0	0
Total EMUs		8,989	9,410	0	0	0	0

TABLE 4. WATER ACCOUNTS

Meter Size	EMU Factor	Number of Accounts by Meter Size					
		Base Year	Five Year Planning Horizon				
		2000	2001	2002	2003	2004	2005
General Service 3/4"							
5/8"	1	136	142				
3/4"	1.5						
1"	2.5						
1.5"	5						
2"	8						
3"	16						
4"	25						
6"	50						
8"	80						
10"	115						
12"	215						
Total Accounts		136	142	0	0	0	0
Total EMUs		136	142	0	0	0	0
General Service 1"							
5/8"	1						
3/4"	1.5						
1"	2.5	46	48				
1.5"	5						
2"	8						
3"	16						
4"	25						
6"	50						
8"	80						
10"	115						
12"	215						
Total Accounts		46	48	0	0	0	0
Total EMUs		115	120	0	0	0	0

TABLE 4. WATER ACCOUNTS

Meter Size	EMU Factor	Number of Accounts by Meter Size					
		Base Year	Five Year Planning Horizon				
		2000	2001	2002	2003	2004	2005
General Service 1 1/2"							
5/8"	1						
3/4"	1.5						
1"	2.5						
1.5"	5	15	16				
2"	8						
3"	16						
4"	25						
6"	50						
8"	80						
10"	115						
12"	215						
Total Accounts		15	16	0	0	0	0
Total EMUs		75	80	0	0	0	0
General Service 2"							
5/8"	1						
3/4"	1.5						
1"	2.5						
1.5"	5						
2"	8	25	26				
3"	16						
4"	25						
6"	50						
8"	80						
10"	115						
12"	215						
Total Accounts		25	26	0	0	0	0
Total EMUs		200	208	0	0	0	0

TABLE 4. WATER ACCOUNTS

Meter Size	EMU Factor	Number of Accounts by Meter Size: Base Year 2000	Five Year Planning Horizon 2001	2002	2003	2004	2005
General Service 3"							
5/8"	1						
3/4"	1.5						
1"	2.5						
1.5"	5						
2"	8						
3"	16	1	1				
4"	25						
6"	50						
8"	80						
10"	115						
12"	215						
Total Accounts		1	1	0	0	0	0
Total EMUs		16	16	0	0	0	0

General Service 4"							
5/8"	1						
3/4"	1.5						
1"	2.5						
1.5"	5						
2"	8						
3"	16						
4"	25	2	2				
6"	50						
8"	80						
10"	115						
12"	215						
Total Accounts		2	2	0	0	0	0
Total EMUs		50	50	0	0	0	0

TABLE 4. WATER ACCOUNTS

Meter Size	EMU Factor	Number of Accounts by Meter Size					
		Base Year	Five Year Planning Horizon				
		2000	2001	2002	2003	2004	2005
General Service 6"							
5/8"	1						
3/4"	1.5						
1"	2.5						
1.5"	5						
2"	8						
3"	16						
4"	25						
6"	50	5	6				
8"	80						
10"	115						
12"	215						
Total Accounts		5	6	0	0	0	0
Total EMUs		250	300	0	0	0	0

TABLE 4. WATER ACCOUNTS

		Number of Accounts by Meter Size					
	EMU	Base Year	Five Year Planning Horizon				
Meter Size	Factor	2000	2001	2002	2003	2004	2005

TABLE 5. ANNUAL WATER CONSUMPTION (BASE CASE)

	Water Consumption in Thousand Gallons (TG)					
	Base Year	Five Year Planning Horizon				
Customer Class	2000	2001	2002	2003	2004	2005
Residential	925,916	1,003,845				
General Service 3/4"	22,713	24,625				
General Service 1"	10,314	11,182				
General Service 1 1/2"	8,805	9,546				
General Service 2"	36,425	39,491				
General Service 3"	1,501	1,627				
General Service 4"	2,197	2,382				
General Service 6"	17,785	19,282				
Total Water	1,025,656	1,111,980	0	0	0	0

TABLE 6. WATER BILL DISTRIBUTION IN BASE YEAR

	Residential		General Service 3/4"		General Service 1"		General Service 1 1/2'		General Service 2"		General Service 3"		General Service 4"		General Service 6"	
TG/Bill	Bill Count	Bill %	Bill Count	Bill %	Bill Count	Bill %	Bill Count	Bill %	Bill Count	Bill %	Bill Count	Bill %	Bill Count	Bill %	Bill Count	Bill %
0	7,264	6.7%	314	19.3%	43	7.8%	34	18.6%	22	7.5%		0.0%		0.0%	1	1.7%
1	6,559	6.0%	227	13.9%	29	5.3%	4	2.2%	10	3.4%		0.0%		0.0%	1	1.7%
2	10,436	9.6%	127	7.8%	31	5.6%	2	1.1%	10	3.4%		0.0%	1	3.7%		0.0%
3	11,094	10.2%	88	5.4%	29	5.3%	5	2.7%	7	2.4%		0.0%		0.0%		0.0%
4	10,275	9.4%	81	5.0%	24	4.4%	6	3.3%	4	1.4%		0.0%	2	7.4%		0.0%
5	8,579	7.9%	89	5.5%	24	4.4%	9	4.9%	2	0.7%		0.0%		0.0%	1	1.7%
6	7,122	6.5%	51	3.1%	10	1.8%	4	2.2%	10	3.4%		0.0%		0.0%	5	8.3%
7	5,894	5.4%	59	3.6%	19	3.5%	4	2.2%	6	2.0%		0.0%		0.0%		0.0%
8	4,799	4.4%	30	1.8%	6	1.1%	4	2.2%	6	2.0%		0.0%		0.0%	1	1.7%
9	4,188	3.8%	43	2.6%	22	4.0%	1	0.5%	2	0.7%		0.0%		0.0%	1	1.7%
10	3,659	3.4%	33	2.0%	14	2.6%	3	1.6%	1	0.3%		0.0%		0.0%	4	6.7%
11	3,099	2.8%	33	2.0%	17	3.1%	2	1.1%	2	0.7%		0.0%		0.0%	1	1.7%
12	2,852	2.6%	25	1.5%	14	2.6%	1	0.5%	2	0.7%		0.0%		0.0%		0.0%
13	2,483	2.3%	36	2.2%	13	2.4%	1	0.5%	2	0.7%		0.0%		0.0%		0.0%
14	2,201	2.0%	20	1.2%	6	1.1%	2	1.1%	1	0.3%		0.0%		0.0%	1	1.7%
15	1,955	1.8%	25	1.5%	16	2.9%	3	1.6%	3	1.0%		0.0%		0.0%		0.0%
16	1,729	1.6%	27	1.7%	11	2.0%	1	0.5%	2	0.7%		0.0%		0.0%		0.0%
17	1,530	1.4%	19	1.2%	12	2.2%	1	0.5%		0.0%		0.0%		0.0%		0.0%
18	1,360	1.2%	9	0.6%	14	2.6%		0.0%	4	1.4%		0.0%		0.0%		0.0%
19	1,214	1.1%	11	0.7%	7	1.3%	1	0.5%		0.0%		0.0%		0.0%		0.0%
20	1,042	1.0%	19	1.2%	8	1.5%	2	1.1%	2	0.7%		0.0%		0.0%		0.0%
21	963	0.9%	15	0.9%	15	2.7%	2	1.1%		0.0%		0.0%		0.0%		0.0%
22	871	0.8%	9	0.6%	9	1.6%	2	1.1%	1	0.3%		0.0%		0.0%	1	1.7%
23	798	0.7%	11	0.7%	4	0.7%	1	0.5%	1	0.3%		0.0%		0.0%		0.0%
24	735	0.7%	13	0.8%	8	1.5%	1	0.5%	2	0.7%		0.0%	1	3.7%		0.0%
25	687	0.6%	10	0.6%	10	1.8%	2	1.1%	3	1.0%		0.0%		0.0%		0.0%
26	578	0.5%	11	0.7%	10	1.8%	2	1.1%	3	1.0%		0.0%		0.0%		0.0%
27	544	0.5%	8	0.5%	1	0.2%	1	0.5%	2	0.7%		0.0%		0.0%		0.0%
28	442	0.4%	9	0.6%	9	1.6%	2	1.1%	1	0.3%		0.0%		0.0%		0.0%
29	402	0.4%	3	0.2%	3	0.5%	1	0.5%	1	0.3%		0.0%		0.0%		0.0%
30	369	0.3%	14	0.9%	6	1.1%		0.0%	3	1.0%		0.0%		0.0%		0.0%
31	322	0.3%	8	0.5%	3	0.5%	3	1.6%	1	0.3%		0.0%		0.0%		0.0%
32	299	0.3%	3	0.2%	9	1.6%	1	0.5%	1	0.3%		0.0%	1	3.7%	1	1.7%
33	211	0.2%	3	0.2%	5	0.9%	1	0.5%	2	0.7%		0.0%		0.0%	3	5.0%
34	216	0.2%	8	0.5%	3	0.5%	1	0.5%	1	0.3%		0.0%		0.0%		0.0%
35	228	0.2%	5	0.3%	4	0.7%	2	1.1%	1	0.3%		0.0%		0.0%		0.0%
36	189	0.2%	10	0.6%	4	0.7%	2	1.1%		0.0%		0.0%		0.0%		0.0%
37	151	0.1%	4	0.2%	5	0.9%	1	0.5%	2	0.7%		0.0%		0.0%		0.0%
38	134	0.1%	3	0.2%	9	1.6%	1	0.5%	3	1.0%		0.0%		0.0%		0.0%
39	116	0.1%	3	0.2%	5	0.9%	2	1.1%	2	0.7%		0.0%	1	3.7%		0.0%
40	99	0.1%	3	0.2%	1	0.2%	1	0.5%		0.0%		0.0%		0.0%		0.0%
41	108	0.1%	1	0.1%	2	0.4%	1	0.5%	2	0.7%		0.0%		0.0%		0.0%
42	95	0.1%	2	0.1%	4	0.7%	3	1.6%	2	0.7%		0.0%		0.0%		0.0%
43	101	0.1%	1	0.1%	2	0.4%	1	0.5%	1	0.3%		0.0%		0.0%		0.0%
44	94	0.1%	1	0.1%	3	0.5%	3	1.6%	2	0.7%		0.0%		0.0%		0.0%
45	77	0.1%	4	0.2%	4	0.7%	2	1.1%	3	1.0%		0.0%		0.0%		0.0%
46	61	0.1%	3	0.2%	2	0.4%		0.0%	1	0.3%		0.0%	2	7.4%		0.0%
47	49	0.0%	2	0.1%	1	0.2%	1	0.5%	1	0.3%		0.0%		0.0%		0.0%
48	39	0.0%		0.0%	1	0.2%	2	1.1%	3	1.0%		0.0%		0.0%		0.0%
49	42	0.0%	2	0.1%	3	0.5%		0.0%	2	0.7%		0.0%		0.0%		0.0%
50	45	0.0%	1	0.1%	3	0.5%	1	0.5%		0.0%		0.0%	1	3.7%		0.0%
51	37	0.0%	2	0.1%	2	0.4%		0.0%		0.0%		0.0%	1	3.7%	2	3.3%
52	40	0.0%	3	0.2%		0.0%	1	0.5%	2	0.7%		0.0%		0.0%		0.0%
53	25	0.0%	1	0.1%	3	0.5%		0.0%	3	1.0%		0.0%	1	3.7%		0.0%
54	28	0.0%	3	0.2%	1	0.2%		0.0%		0.0%		0.0%		0.0%		0.0%
55	28	0.0%	2	0.1%	2	0.4%	2	1.1%		0.0%		0.0%		0.0%		0.0%
56	24	0.0%	1	0.1%	1	0.2%		0.0%		0.0%		0.0%	1	3.7%		0.0%
57	21	0.0%		0.0%	2	0.4%		0.0%		0.0%		0.0%		0.0%		0.0%
58	22	0.0%	4	0.2%		0.0%	1	0.5%	1	0.3%		0.0%		0.0%		0.0%
59	25	0.0%	1	0.1%		0.0%	1	0.5%	2	0.7%		0.0%		0.0%	1	1.7%
60	16	0.0%	1	0.1%	1	0.2%	1	0.5%	3	1.0%		0.0%	1	3.7%		0.0%
61	21	0.0%		0.0%	1	0.2%	2	1.1%	1	0.3%		0.0%		0.0%		0.0%
62	18	0.0%		0.0%	1	0.2%	1	0.5%	3	1.0%		0.0%		0.0%		0.0%
63	16	0.0%		0.0%	2	0.4%	1	0.5%	3	1.0%		0.0%		0.0%	2	3.3%
64	13	0.0%	1	0.1%		0.0%		0.0%	2	0.7%		0.0%	1	3.7%		0.0%
65	12	0.0%	3	0.2%	1	0.2%		0.0%		0.0%		0.0%		0.0%		0.0%
66	10	0.0%	1	0.1%	1	0.2%		0.0%	4	1.4%		0.0%		0.0%	1	1.7%
67	6	0.0%	1	0.1%		0.0%		0.0%	1	0.3%		0.0%		0.0%	1	1.7%
68	5	0.0%	2	0.1%		0.0%	1	0.5%		0.0%		0.0%	1	3.7%		0.0%
69	8	0.0%	2	0.1%		0.0%		0.0%	1	0.3%		0.0%		0.0%		0.0%
70	8	0.0%	3	0.2%		0.0%		0.0%		0.0%		0.0%		0.0%	1	1.7%
71	10	0.0%	2	0.1%	1	0.2%		0.0%	4	1.4%		0.0%		0.0%		0.0%
72	5	0.0%	1	0.1%	1	0.2%	1	0.5%	3	1.0%		0.0%	1	3.7%		0.0%
73	9	0.0%	1	0.1%		0.0%	1	0.5%		0.0%		0.0%		0.0%		0.0%
74	4	0.0%	3	0.2%		0.0%	1	0.5%	1	0.3%		0.0%		0.0%		0.0%
75	5	0.0%	1	0.1%		0.0%	1	0.5%	3	1.0%		0.0%		0.0%		0.0%
76	8	0.0%	2	0.1%		0.0%		0.0%	4	1.4%		0.0%		0.0%		0.0%
77	6	0.0%	1	0.1%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%
78	7	0.0%	4	0.2%		0.0%	1	0.5%		0.0%		0.0%		0.0%		0.0%
79	1	0.0%	2	0.1%		0.0%	1	0.5%	1	0.3%		0.0%		0.0%		0.0%
80	10	0.0%	1	0.1%	1	0.2%	1	0.5%	2	0.7%		0.0%		0.0%		0.0%
81	3	0.0%	1	0.1%		0.0%	1	0.5%		0.0%		0.0%		0.0%		0.0%
82	7	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%
83	9	0.0%	1	0.1%		0.0%		0.0%	2	0.7%		0.0%		0.0%		0.0%
84	5	0.0%		0.0%		0.0%		0.0%	1	0.3%		0.0%		0.0%		0.0%
85	6	0.0%	2	0.1%		0.0%	1	0.5%	3	1.0%		0.0%		0.0%		0.0%
86	5	0.0%	1	0.1%		0.0%	1	0.5%	1	0.3%		0.0%	1	3.7%		0.0%
87	3	0.0%		0.0%	1	0.2%		0.0%	2	0.7%		0.0%		0.0%		0.0%
88	3	0.0%	1	0.1%		0.0%		0.0%	1	0.3%		0.0%		0.0%		0.0%
89	7	0.0%	1	0.1%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%
90	7	0.0%	2	0.1%	1	0.2%		0.0%		0.0%	1	9.1%		0.0%		0.0%
91	4	0.0%	1	0.1%		0.0%	1	0.5%		0.0%		0.0%		0.0%		0.0%
92	6	0.0%		0.0%	1	0.2%		0.0%	1	0.3%		0.0%		0.0%		0.0%
93	3	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%
94	4	0.0%	1	0.1%		0.0%	1	0.5%		0.0%		0.0%		0.0%		0.0%
95	2	0.0%	1	0.1%		0.0%		0.0%	3	1.0%		0.0%	1	3.7%		0.0%
96	2	0.0%	1	0.1%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%
97	5	0.0%	1	0.1%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%
98	5	0.0%		0.0%	1	0.2%	2	1.1%		0.0%		0.0%		0.0%		0.0%
99	1	0.0%	1	0.1%		0.0%		0.0%	1	0.3%		0.0%		0.0%		0.0%
Top Bin	74	0.1%	30	1.8%	7	1.3%	25	13.7%	91	30.8%	10	90.9%	9	33.3%	31	51.7%
Totals	109,008	100.0%	1,630	100.0%	549	100.0%	183	100.0%	295	100.0%	11	100.0%	27	100.0%	60	100.0%
Top Bin Ave	133		215		166		198		328		131		138		546	

TABLE 7. FIXED CHARGES

☑ Check if fixed meter charges the same for all customer classes.

All Classes

	Base Year	Five Year Planning Horizon				
	2000	2001	2002	2003	2004	2005
$/Account/Bill	$3.36	$0.00	$0.00	$0.00	$0.00	$0.00
$/EMU/Bill	$0.00	$9.23	$0.00	$0.00	$0.00	$0.00
Meter Size	$/Bill	$/Bill	$/Bill	$/Bill	$/Bill	$/Bill
5/8"	$3.36	$9.23	$0.00	$0.00	$0.00	$0.00
3/4"	$3.36	$13.85	$0.00	$0.00	$0.00	$0.00
1"	$3.36	$23.08	$0.00	$0.00	$0.00	$0.00
1.5"	$3.36	$46.15	$0.00	$0.00	$0.00	$0.00
2"	$3.36	$73.84	$0.00	$0.00	$0.00	$0.00
3"	$3.36	$147.68	$0.00	$0.00	$0.00	$0.00
4"	$3.36	$230.75	$0.00	$0.00	$0.00	$0.00
6"	$3.36	$461.50	$0.00	$0.00	$0.00	$0.00
8"	$3.36	$738.40	$0.00	$0.00	$0.00	$0.00
10"	$3.36	$1,061.45	$0.00	$0.00	$0.00	$0.00
12"	$3.36	$1,984.45	$0.00	$0.00	$0.00	$0.00

TABLE 8. QUANTITY CHARGES

Customer Class	Block	Base Year - 1 1999 TG/Bill Min	Max	$/TG Water	Sewer	Base Year 2000 TG/Bill Min	Max	$/TG Water	Sewer	Base Year +1 2001 TG/Bill Min	Max	$/TG Water	Sewer	Base Year +2 2002 TG/Bill Min	Max	$/TG Water	Sewer	Base Year +3 2003 TG/Bill Min	Max	$/TG Water	Sewer	Base Year +4 2004 TG/Bill Min	Max	$/TG Water	Sewer	Base Year +5 2005 TG/Bill Min	Max	$/TG Water	Sewer
Residential	1	1	3	$1.32		1	3	$1.32		1	10	$2.24		1				1				1				1			
	2	4		$1.32		4		$1.32		11		$2.81																	
	3																												
	4																												
	5																												
	6																												
General Service 3/4"	1	1	3	$1.32		1	3	$1.32		1		$2.24		1				1				1				1			
	2	4		$1.32		4		$1.32																					
	3																												
	4																												
	5																												
	6																												
General Service 1"	1	1	8	$1.32		1	8	$1.32		1		$2.24		1				1				1				1			
	2	9		$1.32		9		$1.32																					
	3																												
	4																												
	5																												
	6																												
General Service 1 1/2"	1	1	15	$1.32		1	15	$1.32		1		$2.24		1				1				1				1			
	2	16		$1.32		16		$1.32																					
	3																												
	4																												
	5																												
	6																												
General Service 2"	1	1	24	$1.32		1	24	$1.32		1		$2.24		1				1				1				1			
	2	25		$1.32		25		$1.32																					
	3																												
	4																												
	5																												
	6																												
General Service 3"	1	1	48	$1.32		1	48	$1.32		1		$2.24		1				1				1				1			
	2	49		$1.32		49		$1.32																					
	3																												
	4																												
	5																												
	6																												
General Service 4"	1	1	75	$1.32		1	75	$1.32		1		$2.24		1				1				1				1			
	2	76		$1.32		76		$1.32																					
	3																												
	4																												
	5																												
	6																												
General Service 6"	1	1	98	$1.32		1	98	$1.32		1		$2.24		1				1				1				1			
	2	99		$1.32		99		$1.32																					
	3																												
	4																												
	5																												
	6																												

TABLE 9. REVENUE SUMMARY

	Base Year	Five Year Planning Horizon				
	2000	2001	2002	2003	2004	2005
Revenue Impacts All Classes						
Base Case Revenue Requirement	$1,849,005	$3,012,527	$0	$0	$0	$0
Change from Changes in Base Water Use	$0	-$304,807	$0	$0	$0	$0
Adjusted Revenue Requirement	$1,849,005	$2,707,720	$0	$0	$0	$0
Fixed Charge Revenues	$391,713	$1,143,708	$0	$0	$0	$0
Quantity Charge Revenues	$1,353,868	$1,852,930	$0	$0	$0	$0
Total Fixed and Quantity Revenues	$1,745,580	$2,996,638	$0	$0	$0	$0
Revenue Surplus/Shortfall	($103,425)	$288,918	$0	$0	$0	$0
Revenue Impacts By Class						
Fixed Charge Revenues						
Residential	$362,436	$1,042,252	$0	$0	$0	$0
General Service 3/4"	$5,484	$15,728	$0	$0	$0	$0
General Service 1"	$4,913	$13,291	$0	$0	$0	$0
General Service 1 1/2"	$3,004	$8,861	$0	$0	$0	$0
General Service 2"	$8,136	$23,038	$0	$0	$0	$0
General Service 3"	$642	$1,772	$0	$0	$0	$0
General Service 4"	$2,012	$5,538	$0	$0	$0	$0
General Service 6"	$5,086	$33,228	$0	$0	$0	$0
Total	$391,713	$1,143,708	$0	$0	$0	$0
Quantity Charge Revenues						
Residential	$1,222,211	$1,633,965	$0	$0	$0	$0
General Service 3/4"	$29,981	$49,903	$0	$0	$0	$0
General Service 1"	$13,614	$22,643	$0	$0	$0	$0
General Service 1 1/2"	$11,623	$19,325	$0	$0	$0	$0
General Service 2"	$48,081	$79,946	$0	$0	$0	$0
General Service 3"	$1,981	$3,294	$0	$0	$0	$0
General Service 4"	$2,900	$4,822	$0	$0	$0	$0
General Service 6"	$23,476	$39,034	$0	$0	$0	$0
Total	$1,353,868	$1,852,930	$0	$0	$0	$0
Total Fixed and Quantity Revenues						
Residential	$1,584,648	$2,676,216	$0	$0	$0	$0
General Service 3/4"	$35,465	$65,630	$0	$0	$0	$0
General Service 1"	$18,527	$35,934	$0	$0	$0	$0
General Service 1 1/2"	$14,627	$28,186	$0	$0	$0	$0
General Service 2"	$56,217	$102,984	$0	$0	$0	$0
General Service 3"	$2,623	$5,066	$0	$0	$0	$0
General Service 4"	$4,912	$10,360	$0	$0	$0	$0
General Service 6"	$28,562	$72,262	$0	$0	$0	$0
Total	$1,745,580	$2,996,638	$0	$0	$0	$0

TABLE 10. WATER USE SUMMARY

	Base Year	Five Year Planning Horizon				
Customer Class	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**
All Classes						
Base Water Use (TG)	1,025,656	1,111,980	0	0	0	0
Price Elastic Change	0	-315,880	0	0	0	0
% Change	0.0%	-28.4%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	1,025,656	796,100	0	0	0	0
Residential						
Base Water Use (TG)	925,916	1,003,845	0	0	0	0
Price Elastic Change	0	-305,497	0	0	0	0
% Change	0.0%	-30.4%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	925,916	698,348	0	0	0	0
General Service 3/4"						
Base Water Use (TG)	22,713	24,625	0	0	0	0
Price Elastic Change	0	-2,347	0	0	0	0
% Change	0.0%	-9.5%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	22,713	22,278	0	0	0	0
General Service 1"						
Base Water Use (TG)	10,314	11,182	0	0	0	0
Price Elastic Change	0	-1,074	0	0	0	0
% Change	0.0%	-9.6%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	10,314	10,108	0	0	0	0
General Service 1 1/2"						
Base Water Use (TG)	8,805	9,546	0	0	0	0
Price Elastic Change	0	-919	0	0	0	0
% Change	0.0%	-9.6%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	8,805	8,627	0	0	0	0
General Service 2"						
Base Water Use (TG)	36,425	39,491	0	0	0	0
Price Elastic Change	0	-3,801	0	0	0	0
% Change	0.0%	-9.6%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	36,425	35,690	0	0	0	0
General Service 3"						
Base Water Use (TG)	1,501	1,627	0	0	0	0
Price Elastic Change	0	-157	0	0	0	0
% Change	0.0%	-9.6%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	1,501	1,470	0	0	0	0
General Service 4"						
Base Water Use (TG)	2,197	2,382	0	0	0	0
Price Elastic Change	0	-229	0	0	0	0
% Change	0.0%	-9.6%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	2,197	2,153	0	0	0	0
General Service 6"						
Base Water Use (TG)	17,785	19,282	0	0	0	0
Price Elastic Change	0	-1,856	0	0	0	0
% Change	0.0%	-9.6%	0.0%	0.0%	0.0%	0.0%
New Water Use (TG)	17,785	17,426	0	0	0	0

TABLE 11. WATER USE BY BLOCK

		Base Year 2000					Base Year +1 2001					Base Year +2 2002					Base Year +3 2003					Base Year +4 2004					Base Year +5 2005				
		TG/Bill		% of Water Sold			TG/Bill		% of Water Sold			TG/Bill		% of Water Sold			TG/Bill		% of Water Sold			TG/Bill		% of Water Sold			TG/Bill		% of Water Sold		
Customer Class	Block	Min	Max	Base	New	Change	Min	Max	Base	New	Change	Min	Max	Base	New	Change	Min	Max	Base	New	Change	Min	Max	Base	New	Change	Min	Max	Base	New	Change
Residential	1	1	3	30.4%	N.A.	N.A.	1	10	68.4%	82.5%	14.1%	1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%	
	2	4		69.6%	N.A.	N.A.	11		31.6%	17.5%	-14.1%			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	3			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	4			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	5			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	6			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
General Service 3/4"	1	1	3	14.9%	N.A.	N.A.	1		100.0%	100.0%	0.0%	1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%	
	2	4		85.1%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	3			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	4			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	5			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	6			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
General Service 1"	1	1	8	32.4%	N.A.	N.A	1		100.0%	100.0%	0.0%	1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%	
	2	9		67.6%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	3			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	4			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	5			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	6			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
General Service 1 1/2"	1	1	15	20.8%	N.A.	N.A.	1		100.0%	100.0%	0.0%	1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%	
	2	16		79.2%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	3			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	4			0.0%	N.A.	N.A			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	5			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	6			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
General Service 2"	1	1	24	14.5%	N.A.	N.A.	1		100.0%	100.0%	0.0%	1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%	
	2	25		85.5%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	3			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	4			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	5			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	6			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
General Service 3"	1	1	48	37.7%	N.A.	N.A	1		100.0%	100.0%	0.0%	1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%	
	2	49		62.3%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	3			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	4			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	5			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	6			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
General Service 4"	1	1	75	71.4%	N.A.	N.A.	1		100.0%	100.0%	0.0%	1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%	
	2	76		28.6%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	3			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	4			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	5			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	6			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
General Service 6"	1	1	98	21.5%	N.A.	N.A.	1		100.0%	100.0%	0.0%	1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%		1		0.0%	0.0%	
	2	99		78.5%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	3			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	4			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	5			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	
	6			0.0%	N.A.	N.A.			0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%				0.0%	0.0%	

TABLE 12. WATER DISTRIBUTION IMPACTS - % OF BILLS BY BIN

	Residential Bill Distribution: % of Annual Bills						General Service 3/4" Bill Distribution: % of Annual Bills					
Bin	Base Year	Five Year Planning Horizon					Base Year	Five Year Planning Horizon				
TG/Bill	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
0	6.7%	6.7%	0.0%	0.0%	0.0%	0.0%	19.3%	19.3%	0.0%	0.0%	0.0%	0.0%
1	6.0%	10.7%	0.0%	0.0%	0.0%	0.0%	13.9%	15.4%	0.0%	0.0%	0.0%	0.0%
2	9.6%	12.3%	0.0%	0.0%	0.0%	0.0%	7.8%	7.9%	0.0%	0.0%	0.0%	0.0%
3	10.2%	13.6%	0.0%	0.0%	0.0%	0.0%	5.4%	5.8%	0.0%	0.0%	0.0%	0.0%
4	9.4%	9.4%	0.0%	0.0%	0.0%	0.0%	5.0%	5.7%	0.0%	0.0%	0.0%	0.0%
5	7.8%	7.3%	0.0%	0.0%	0.0%	0.0%	5.5%	4.6%	0.0%	0.0%	0.0%	0.0%
6	6.5%	6.5%	0.0%	0.0%	0.0%	0.0%	3.1%	3.8%	0.0%	0.0%	0.0%	0.0%
7	5.4%	7.3%	0.0%	0.0%	0.0%	0.0%	3.6%	2.6%	0.0%	0.0%	0.0%	0.0%
8	4.4%	5.9%	0.0%	0.0%	0.0%	0.0%	1.8%	2.7%	0.0%	0.0%	0.0%	0.0%
9	3.8%	3.1%	0.0%	0.0%	0.0%	0.0%	2.6%	2.4%	0.0%	0.0%	0.0%	0.0%
10	3.4%	2.7%	0.0%	0.0%	0.0%	0.0%	2.0%	2.2%	0.0%	0.0%	0.0%	0.0%
11	2.8%	2.2%	0.0%	0.0%	0.0%	0.0%	2.0%	1.9%	0.0%	0.0%	0.0%	0.0%
12	2.6%	1.8%	0.0%	0.0%	0.0%	0.0%	1.5%	2.1%	0.0%	0.0%	0.0%	0.0%
13	2.3%	1.5%	0.0%	0.0%	0.0%	0.0%	2.2%	1.5%	0.0%	0.0%	0.0%	0.0%
14	2.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.2%	1.7%	0.0%	0.0%	0.0%	0.0%
15	1.8%	1.2%	0.0%	0.0%	0.0%	0.0%	1.5%	1.5%	0.0%	0.0%	0.0%	0.0%
16	1.6%	1.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.8%	0.0%	0.0%	0.0%	0.0%
17	1.4%	0.9%	0.0%	0.0%	0.0%	0.0%	1.2%	0.7%	0.0%	0.0%	0.0%	0.0%
18	1.2%	0.7%	0.0%	0.0%	0.0%	0.0%	0.6%	1.2%	0.0%	0.0%	0.0%	0.0%
19	1.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.7%	1.1%	0.0%	0.0%	0.0%	0.0%
20	1.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.2%	0.6%	0.0%	0.0%	0.0%	0.0%
21	0.9%	0.4%	0.0%	0.0%	0.0%	0.0%	0.9%	0.8%	0.0%	0.0%	0.0%	0.0%
22	0.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.6%	0.8%	0.0%	0.0%	0.0%	0.0%
23	0.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%
24	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%
25	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
26	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.3%	0.0%	0.0%	0.0%	0.0%
27	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.8%	0.0%	0.0%	0.0%	0.0%
28	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
29	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
30	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.9%	0.3%	0.0%	0.0%	0.0%	0.0%
31	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
32	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%
33	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%
34	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%
35	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%
36	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%
37	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
38	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
39	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
40	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
41	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%
42	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%
43	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
44	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
45	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
46	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
47	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%
48	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
49	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%
50	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
51	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
52	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
53	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
54	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
55	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
56	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
57	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
58	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
59	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%
60	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
61	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
62	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
63	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
64	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%
65	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
66	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
67	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%
68	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
69	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
70	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
71	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%
72	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
73	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
74	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
75	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
76	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
77	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
78	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
79	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
80	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
81	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
82	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
83	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
84	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
86	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
87	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
88	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
89	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
90	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
91	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
92	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
93	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
94	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
95	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
96	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
97	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
98	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
99	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Top Bin	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	1.8%	0.0%	0.0%	0.0%	0.0%
Totals	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Top Bin Ave	133	100	0	0	0	0	215	194	0	0	0	0

TABLE 12

	General Service 1" Bill Distribution: % of Annual Bills						General Service 1 1/2" Bill Distribution: % of Annual Bills					
Bin	Base Year	Five Year Planning Horizon					Base Year	Five Year Planning Horizon				
TG/Bill	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
0	7.8%	7.8%	0.0%	0.0%	0.0%	0.0%	18.6%	18.6%	0.0%	0.0%	0.0%	0.0%
1	5.3%	6.4%	0.0%	0.0%	0.0%	0.0%	2.2%	2.4%	0.0%	0.0%	0.0%	0.0%
2	5.6%	6.1%	0.0%	0.0%	0.0%	0.0%	1.1%	1.7%	0.0%	0.0%	0.0%	0.0%
3	5.3%	5.4%	0.0%	0.0%	0.0%	0.0%	2.7%	3.2%	0.0%	0.0%	0.0%	0.0%
4	4.4%	4.8%	0.0%	0.0%	0.0%	0.0%	3.3%	4.4%	0.0%	0.0%	0.0%	0.0%
5	4.4%	3.3%	0.0%	0.0%	0.0%	0.0%	4.9%	3.8%	0.0%	0.0%	0.0%	0.0%
6	1.8%	3.1%	0.0%	0.0%	0.0%	0.0%	2.2%	2.4%	0.0%	0.0%	0.0%	0.0%
7	3.5%	2.0%	0.0%	0.0%	0.0%	0.0%	2.2%	2.4%	0.0%	0.0%	0.0%	0.0%
8	1.1%	3.7%	0.0%	0.0%	0.0%	0.0%	2.2%	1.0%	0.0%	0.0%	0.0%	0.0%
9	4.0%	3.2%	0.0%	0.0%	0.0%	0.0%	0.5%	1.7%	0.0%	0.0%	0.0%	0.0%
10	2.6%	3.4%	0.0%	0.0%	0.0%	0.0%	1.6%	1.2%	0.0%	0.0%	0.0%	0.0%
11	3.1%	2.7%	0.0%	0.0%	0.0%	0.0%	1.1%	0.6%	0.0%	0.0%	0.0%	0.0%
12	2.6%	2.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.8%	0.0%	0.0%	0.0%	0.0%
13	2.4%	2.0%	0.0%	0.0%	0.0%	0.0%	0.5%	1.4%	0.0%	0.0%	0.0%	0.0%
14	1.1%	2.7%	0.0%	0.0%	0.0%	0.0%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%
15	2.9%	2.3%	0.0%	0.0%	0.0%	0.0%	1.6%	0.6%	0.0%	0.0%	0.0%	0.0%
16	2.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%
17	2.2%	1.7%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
18	2.6%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%
19	1.3%	3.0%	0.0%	0.0%	0.0%	0.0%	0.5%	1.3%	0.0%	0.0%	0.0%	0.0%
20	1.5%	1.6%	0.0%	0.0%	0.0%	0.0%	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%
21	2.7%	1.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.6%	0.0%	0.0%	0.0%	0.0%
22	1.6%	1.7%	0.0%	0.0%	0.0%	0.0%	1.1%	0.8%	0.0%	0.0%	0.0%	0.0%
23	0.7%	2.0%	0.0%	0.0%	0.0%	0.0%	0.5%	1.2%	0.0%	0.0%	0.0%	0.0%
24	1.5%	1.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.9%	0.0%	0.0%	0.0%	0.0%
25	1.8%	1.2%	0.0%	0.0%	0.0%	0.0%	1.1%	1.0%	0.0%	0.0%	0.0%	0.0%
26	1.8%	0.9%	0.0%	0.0%	0.0%	0.0%	1.1%	0.8%	0.0%	0.0%	0.0%	0.0%
27	0.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%
28	1.6%	0.8%	0.0%	0.0%	0.0%	0.0%	1.1%	1.7%	0.0%	0.0%	0.0%	0.0%
29	0.5%	1.7%	0.0%	0.0%	0.0%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%
30	1.1%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
31	0.5%	0.7%	0.0%	0.0%	0.0%	0.0%	1.6%	0.8%	0.0%	0.0%	0.0%	0.0%
32	1.6%	0.8%	0.0%	0.0%	0.0%	0.0%	0.5%	1.2%	0.0%	0.0%	0.0%	0.0%
33	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%	0.5%	0.9%	0.0%	0.0%	0.0%	0.0%
34	0.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%
35	0.7%	1.2%	0.0%	0.0%	0.0%	0.0%	1.1%	1.0%	0.0%	0.0%	0.0%	0.0%
36	0.7%	0.4%	0.0%	0.0%	0.0%	0.0%	1.1%	0.7%	0.0%	0.0%	0.0%	0.0%
37	0.9%	0.4%	0.0%	0.0%	0.0%	0.0%	0.5%	0.7%	0.0%	0.0%	0.0%	0.0%
38	1.6%	0.8%	0.0%	0.0%	0.0%	0.0%	0.5%	1.7%	0.0%	0.0%	0.0%	0.0%
39	0.9%	0.4%	0.0%	0.0%	0.0%	0.0%	1.1%	0.9%	0.0%	0.0%	0.0%	0.0%
40	0.2%	0.7%	0.0%	0.0%	0.0%	0.0%	0.5%	1.6%	0.0%	0.0%	0.0%	0.0%
41	0.4%	0.8%	0.0%	0.0%	0.0%	0.0%	0.5%	0.7%	0.0%	0.0%	0.0%	0.0%
42	0.7%	0.3%	0.0%	0.0%	0.0%	0.0%	1.6%	0.3%	0.0%	0.0%	0.0%	0.0%
43	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.9%	0.0%	0.0%	0.0%	0.0%
44	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	1.6%	0.4%	0.0%	0.0%	0.0%	0.0%
45	0.7%	0.6%	0.0%	0.0%	0.0%	0.0%	1.1%	0.4%	0.0%	0.0%	0.0%	0.0%
46	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
47	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
48	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%
49	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%
50	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.5%	0.8%	0.0%	0.0%	0.0%	0.0%
51	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
52	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%
53	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
54	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
55	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%
56	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%
57	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
58	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
59	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
60	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
61	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.3%	0.0%	0.0%	0.0%	0.0%
62	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%
63	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
64	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
65	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
66	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
67	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
68	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%
69	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%
71	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
72	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%
73	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%
74	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%
75	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
76	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
77	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
78	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%
79	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
80	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
81	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
82	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%
83	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
84	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
86	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
87	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
88	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
89	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
90	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
91	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
92	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
93	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
94	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
95	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
96	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
97	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
98	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%
99	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Top Bin	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	13.7%	13.7%	0.0%	0.0%	0.0%	0.0%
Totals	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Top Bin Ave	166	150	0	0	0	0	198	179	0	0	0	0

TABLE 12

	General Service 2" Bill Distribution: % of Annual Bills						General Service 3" Bill Distribution: % of Annual Bills					
Bin	Base Year	Five Year Planning Horizon					Base Year	Five Year Planning Horizon				
TG/Bill	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
0	7.5%	7.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	3.4%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	3.4%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3	2.4%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
4	1.4%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	0.7%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
6	3.4%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
7	2.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
8	2.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
9	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
10	0.3%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
11	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
12	0.7%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
13	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
14	0.3%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
15	1.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
16	0.7%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
17	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
18	1.4%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
19	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
20	0.7%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
21	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
22	0.3%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
23	0.3%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24	0.7%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
25	1.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
26	1.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
27	0.7%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
28	0.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
29	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30	1.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
31	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
32	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
33	0.7%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
34	0.3%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
35	0.3%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
36	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
37	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38	1.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
39	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
40	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
41	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
42	0.7%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
43	0.3%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
44	0.7%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
45	1.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
47	0.3%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
48	1.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
49	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
52	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
53	1.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
54	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
55	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
56	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
57	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
58	0.3%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
59	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
60	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
61	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
62	1.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
63	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
64	0.7%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
65	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
66	1.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
67	0.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
68	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
69	0.3%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
71	1.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
72	1.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
73	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
74	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
75	1.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
76	1.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
77	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
78	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
79	0.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
81	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.0%	0.0%	0.0%	0.0%	0.0%
82	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	0.0%	0.0%	0.0%	0.0%
83	0.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
84	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
85	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
86	0.3%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
87	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
88	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
89	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%
91	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
92	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
93	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
94	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
95	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
96	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
97	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
98	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
99	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Top Bin	30.8%	30.8%	0.0%	0.0%	0.0%	0.0%	90.9%	90.9%	0.0%	0.0%	0.0%	0.0%
Totals	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Top Bin Ave	328	296	0	0	0	0	131	118	0	0	0	0

TABLE 12

	General Service 4" Bill Distribution: % of Annual Bills						General Service 6" Bill Distribution: % of Annual Bills					
Bin	Base Year	Five Year Planning Horizon					Base Year	Five Year Planning Horizon				
TG/Bill	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	1.7%	0.0%	0.0%	0.0%	0.0%
1	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	1.7%	1.7%	0.0%	0.0%	0.0%	0.0%
2	3.7%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
4	7.4%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	5.7%	0.0%	0.0%	0.0%	0.0%
6	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	3.5%	0.0%	0.0%	0.0%	0.0%
7	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%
8	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	1.8%	0.0%	0.0%	0.0%	0.0%
9	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	6.7%	0.0%	0.0%	0.0%	0.0%
10	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.7%	1.8%	0.0%	0.0%	0.0%	0.0%
11	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
12	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
13	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%
14	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
15	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
16	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
17	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
18	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
19	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
20	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%
21	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
22	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
23	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
25	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
26	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
27	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
28	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
29	0.0%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%
30	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%	0.0%	0.0%	0.0%	0.0%
31	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
32	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
33	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%
34	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
35	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
36	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
37	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
39	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
40	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
41	0.0%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
42	0.0%	4.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
43	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
44	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
45	0.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46	7.4%	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	0.0%	0.0%	0.0%	0.0%
47	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%
48	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
49	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50	3.7%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51	3.7%	2.3%	0.0%	0.0%	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%
52	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
53	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%
54	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
55	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
56	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
57	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	0.0%
58	0.0%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
59	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.6%	0.0%	0.0%	0.0%	0.0%
60	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%
61	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%
62	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
63	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	1.2%	0.0%	0.0%	0.0%	0.0%
64	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%
65	0.0%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
66	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
67	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
68	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
69	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
71	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
72	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
73	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
74	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
75	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
76	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
77	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
78	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
79	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
81	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
82	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
84	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
85	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
86	3.7%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
87	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
88	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
89	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
91	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
92	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
93	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
94	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
95	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
96	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
97	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
98	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
99	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Top Bin	33.3%	33.3%	0.0%	0.0%	0.0%	0.0%	51.7%	51.7%	0.0%	0.0%	0.0%	0.0%
Totals	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Top Bin Ave	138	125	0	0	0	0	546	493	0	0	0	0

TABLE 13. WATER SOLD DISTRIBUTION IMPACTS

	Residential Bill Distribution: % of Annual Water Sold						General Service 3/4" Bill Distribution: % of Annual Water Sold					
Bin	Base Year	Five Year Planning Horizon					Base Year	Five Year Planning Horizon				
TG/Bill	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	11.0%	15.8%	0.0%	0.0%	0.0%	0.0%	5.8%	6.4%	0.0%	0.0%	0.0%	0.0%
2	10.3%	14.0%	0.0%	0.0%	0.0%	0.0%	4.8%	5.2%	0.0%	0.0%	0.0%	0.0%
3	9.2%	11.9%	0.0%	0.0%	0.0%	0.0%	4.3%	4.6%	0.0%	0.0%	0.0%	0.0%
4	8.0%	9.6%	0.0%	0.0%	0.0%	0.0%	3.9%	4.1%	0.0%	0.0%	0.0%	0.0%
5	6.8%	8.0%	0.0%	0.0%	0.0%	0.0%	3.5%	3.7%	0.0%	0.0%	0.0%	0.0%
6	5.9%	6.8%	0.0%	0.0%	0.0%	0.0%	3.1%	3.3%	0.0%	0.0%	0.0%	0.0%
7	5.2%	5.7%	0.0%	0.0%	0.0%	0.0%	2.9%	3.0%	0.0%	0.0%	0.0%	0.0%
8	4.5%	4.4%	0.0%	0.0%	0.0%	0.0%	2.6%	2.8%	0.0%	0.0%	0.0%	0.0%
9	4.0%	3.4%	0.0%	0.0%	0.0%	0.0%	2.5%	2.6%	0.0%	0.0%	0.0%	0.0%
10	3.5%	2.9%	0.0%	0.0%	0.0%	0.0%	2.3%	2.4%	0.0%	0.0%	0.0%	0.0%
11	3.1%	2.4%	0.0%	0.0%	0.0%	0.0%	2.2%	2.2%	0.0%	0.0%	0.0%	0.0%
12	2.8%	2.1%	0.0%	0.0%	0.0%	0.0%	2.0%	2.1%	0.0%	0.0%	0.0%	0.0%
13	2.5%	1.8%	0.0%	0.0%	0.0%	0.0%	1.9%	1.9%	0.0%	0.0%	0.0%	0.0%
14	2.2%	1.5%	0.0%	0.0%	0.0%	0.0%	1.7%	1.6%	0.0%	0.0%	0.0%	0.0%
15	2.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.7%	1.6%	0.0%	0.0%	0.0%	0.0%
16	1.8%	1.1%	0.0%	0.0%	0.0%	0.0%	1.5%	1.5%	0.0%	0.0%	0.0%	0.0%
17	1.6%	0.9%	0.0%	0.0%	0.0%	0.0%	1.4%	1.4%	0.0%	0.0%	0.0%	0.0%
18	1.4%	0.8%	0.0%	0.0%	0.0%	0.0%	1.3%	1.4%	0.0%	0.0%	0.0%	0.0%
19	1.3%	0.7%	0.0%	0.0%	0.0%	0.0%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%
20	1.2%	0.6%	0.0%	0.0%	0.0%	0.0%	1.3%	1.2%	0.0%	0.0%	0.0%	0.0%
21	1.0%	0.5%	0.0%	0.0%	0.0%	0.0%	1.2%	1.2%	0.0%	0.0%	0.0%	0.0%
22	0.9%	0.4%	0.0%	0.0%	0.0%	0.0%	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%
23	0.8%	0.4%	0.0%	0.0%	0.0%	0.0%	1.1%	1.0%	0.0%	0.0%	0.0%	0.0%
24	0.8%	0.3%	0.0%	0.0%	0.0%	0.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%
25	0.7%	0.3%	0.0%	0.0%	0.0%	0.0%	1.0%	0.9%	0.0%	0.0%	0.0%	0.0%
26	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%
27	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.8%	0.9%	0.0%	0.0%	0.0%	0.0%
28	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
29	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%
30	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%
31	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%
32	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%
33	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.6%	0.0%	0.0%	0.0%	0.0%
34	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
35	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
36	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
37	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
38	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
39	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
40	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
41	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
42	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
43	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
44	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
45	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
46	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
47	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%
48	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
49	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
50	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
51	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
52	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
53	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
54	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
55	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
56	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
57	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
58	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
59	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
60	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
61	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
62	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
63	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
64	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
65	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
66	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
67	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
68	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
69	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
70	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
71	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%
72	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%
73	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%
74	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%
75	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
76	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
77	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
78	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
79	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
80	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
81	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
82	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
83	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
84	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
86	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
87	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
88	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
89	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
90	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
91	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
92	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
93	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
94	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
95	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
96	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
97	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
98	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
99	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Top Bin	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	15.4%	14.0%	0.0%	0.0%	0.0%	0.0%
Totals	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%

TABLE 13

	General Service 1" Bill Distribution: % of Annual Water Sold						General Service 1 1/2" Bill Distribution: % of Annual Water Sold					
Bin	Base Year	Five Year Planning Horizon					Base Year	Five Year Planning Horizon				
TG/Bill	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	5.0%	5.5%	0.0%	0.0%	0.0%	0.0%	1.7%	1.9%	0.0%	0.0%	0.0%	0.0%
2	4.7%	5.1%	0.0%	0.0%	0.0%	0.0%	1.7%	1.8%	0.0%	0.0%	0.0%	0.0%
3	4.4%	4.7%	0.0%	0.0%	0.0%	0.0%	1.6%	1.8%	0.0%	0.0%	0.0%	0.0%
4	4.1%	4.4%	0.0%	0.0%	0.0%	0.0%	1.6%	1.7%	0.0%	0.0%	0.0%	0.0%
5	3.8%	4.1%	0.0%	0.0%	0.0%	0.0%	1.5%	1.6%	0.0%	0.0%	0.0%	0.0%
6	3.6%	3.9%	0.0%	0.0%	0.0%	0.0%	1.4%	1.5%	0.0%	0.0%	0.0%	0.0%
7	3.5%	3.8%	0.0%	0.0%	0.0%	0.0%	1.4%	1.5%	0.0%	0.0%	0.0%	0.0%
8	3.3%	3.6%	0.0%	0.0%	0.0%	0.0%	1.3%	1.4%	0.0%	0.0%	0.0%	0.0%
9	3.3%	3.4%	0.0%	0.0%	0.0%	0.0%	1.3%	1.4%	0.0%	0.0%	0.0%	0.0%
10	3.1%	3.2%	0.0%	0.0%	0.0%	0.0%	1.3%	1.4%	0.0%	0.0%	0.0%	0.0%
11	2.9%	3.0%	0.0%	0.0%	0.0%	0.0%	1.2%	1.3%	0.0%	0.0%	0.0%	0.0%
12	2.8%	2.9%	0.0%	0.0%	0.0%	0.0%	1.2%	1.3%	0.0%	0.0%	0.0%	0.0%
13	2.6%	2.7%	0.0%	0.0%	0.0%	0.0%	1.2%	1.3%	0.0%	0.0%	0.0%	0.0%
14	2.5%	2.6%	0.0%	0.0%	0.0%	0.0%	1.2%	1.3%	0.0%	0.0%	0.0%	0.0%
15	2.4%	2.4%	0.0%	0.0%	0.0%	0.0%	1.2%	1.2%	0.0%	0.0%	0.0%	0.0%
16	2.3%	2.3%	0.0%	0.0%	0.0%	0.0%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%
17	2.2%	2.2%	0.0%	0.0%	0.0%	0.0%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%
18	2.0%	2.0%	0.0%	0.0%	0.0%	0.0%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%
19	1.9%	2.0%	0.0%	0.0%	0.0%	0.0%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%
20	1.8%	1.8%	0.0%	0.0%	0.0%	0.0%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%
21	1.8%	1.7%	0.0%	0.0%	0.0%	0.0%	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%
22	1.6%	1.6%	0.0%	0.0%	0.0%	0.0%	1.0%	1.1%	0.0%	0.0%	0.0%	0.0%
23	1.5%	1.5%	0.0%	0.0%	0.0%	0.0%	1.0%	1.1%	0.0%	0.0%	0.0%	0.0%
24	1.5%	1.4%	0.0%	0.0%	0.0%	0.0%	1.0%	1.1%	0.0%	0.0%	0.0%	0.0%
25	1.4%	1.3%	0.0%	0.0%	0.0%	0.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%
26	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%
27	1.2%	1.2%	0.0%	0.0%	0.0%	0.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%
28	1.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.9%	1.0%	0.0%	0.0%	0.0%	0.0%
29	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.9%	1.0%	0.0%	0.0%	0.0%	0.0%
30	1.1%	1.0%	0.0%	0.0%	0.0%	0.0%	0.9%	1.0%	0.0%	0.0%	0.0%	0.0%
31	1.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%
32	1.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%
33	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%
34	0.9%	0.8%	0.0%	0.0%	0.0%	0.0%	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%
35	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.9%	0.0%	0.0%	0.0%	0.0%
36	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
37	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
38	0.7%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
39	0.6%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
40	0.6%	0.5%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%
41	0.6%	0.5%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%
42	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%
43	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%
44	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%
45	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
46	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
47	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
48	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
49	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
50	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
51	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
52	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
53	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
54	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
55	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%
56	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
57	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
58	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
59	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
60	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
61	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
62	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
63	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
64	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
65	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
66	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
67	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
68	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%
69	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
70	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
71	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
72	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
73	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
74	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
75	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
76	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
77	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
78	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
79	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
80	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
81	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
82	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
83	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
84	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
85	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%
86	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
87	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
88	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
89	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
90	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
91	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
92	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
93	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
94	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
95	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
96	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
97	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
98	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
99	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
Top Bin	4.6%	3.9%	0.0%	0.0%	0.0%	0.0%	28.5%	25.4%	0.0%	0.0%	0.0%	0.0%
Totals	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%

TABLE 13

	General Service 2" Bill Distribution: % of Annual Water Sold						General Service 3" Bill Distribution: % of Annual Water Sold					
Bin	Base Year	Five Year Planning Horizon					Base Year	Five Year Planning Horizon				
TG/Bill	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
2	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
3	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
4	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
5	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
6	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
7	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
8	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
9	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
10	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
11	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
12	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
13	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
14	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
15	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
16	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
17	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
18	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
19	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
20	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
21	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
22	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
23	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
24	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
25	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
26	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
27	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
28	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
29	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
30	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
31	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
32	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
33	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
34	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
35	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
36	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
37	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
38	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
39	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
40	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
41	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
42	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
43	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
44	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
45	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
46	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
47	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
48	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
49	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
50	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
51	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
52	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
53	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
54	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
55	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
56	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
57	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
58	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
59	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
60	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
61	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
62	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
63	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
64	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
65	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
66	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
67	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
68	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
69	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
70	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
71	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
72	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
73	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
74	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
75	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
76	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
77	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
78	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
79	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
80	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
81	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
82	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
83	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
84	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
85	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
86	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
87	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
88	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
89	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
90	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%
91	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
92	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
93	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
94	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
95	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
96	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
97	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
98	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
99	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%
Top Bin	57.4%	54.7%	0.0%	0.0%	0.0%	0.0%	22.9%	15.3%	0.0%	0.0%	0.0%	0.0%
Totals	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%

TABLE 13

	General Service 4" Bill Distribution: % of Annual Water Sold						General Service 6" Bill Distribution: % of Annual Water Sold					
Bin	Base Year	Five Year Planning Horizon					Base Year	Five Year Planning Horizon				
TG/Bill	2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005
0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	1.3%	1.4%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
2	1.3%	1.4%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
3	1.2%	1.4%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
4	1.2%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
5	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
6	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
7	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
8	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
9	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
10	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
11	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
12	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
13	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
14	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
15	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
16	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
17	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
18	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
19	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
20	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
21	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
22	1.1%	1.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
23	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
24	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
25	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
26	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
27	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
28	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
29	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
30	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%
31	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
32	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
33	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
34	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
35	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
36	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
37	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
38	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
39	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
40	1.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
41	1.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
42	1.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
43	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
44	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
45	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
46	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
47	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
48	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
49	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
50	0.9%	0.8%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
51	0.9%	0.8%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
52	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
53	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
54	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
55	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
56	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
57	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
58	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
59	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
60	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
61	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
62	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
63	0.7%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
64	0.7%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
65	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
66	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
67	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
68	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
69	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
70	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
71	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
72	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
73	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
74	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
75	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
76	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
77	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
78	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
79	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
80	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
81	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
82	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
83	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
84	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
85	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
86	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
87	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
88	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
89	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
90	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
91	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
92	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
93	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
94	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
95	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
96	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
97	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
98	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
99	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
Top Bin	16.8%	12.2%	0.0%	0.0%	0.0%	0.0%	78.3%	76.5%	0.0%	0.0%	0.0%	0.0%
Totals	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%

Bibilography

References

Brown and Caldwell Consultants and J.J. Boland, Empirical Water Demand Study. Prepared for the South Florida Water Management District, 1990.

Brown and Caldwell Consultants and J.B. Whitcomb, Water Price Elasticity Study. Prepared for the Southwest Florida Water Management District, 1999 (revised).

Danielson, L.E., An Analysis of Residential Demand for Water Using Micro Time-Series Data, Water Resources Research, 15(4), 763-767, 1979.

Gibbs, K.C., Price Variable in Residential Water Demand Models, Water Resources Research, 14(1), 15-18, 1978.

Ware, J.E., and R.M. North, The Price and Consumption of Water for Residential Use in Georgia. Bureau of Business and Economic Research. School and Business Administration, Georgia State University, Atlanta, 1967.

Lynne, G.D., and W.G. Luppold, and C. Kiker, Water Price Responsiveness of Commercial Establishments, Water Resources Bulletin, 14, 719-729, 1978.

Howe, C.W., and F.D. Linaweaver, The Impact of Price on Residential Water Demand and its Relation to System Design and Price Structure, Water Resources Research, 3(1), 13-32, 1967.

Carver, P.H., and J.J. Boland, Short- and Long-Run Effects of Price on Municipal Water Demand, Water Resources Research, 16(4), 609-616, 1980.

R.A. Lyman, Peak and Off-Peak Residential Water Demand, Water Resources Research, 28(9),