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November 15, 2010

Via Hand-Delivery

Chairman Mary W. Freeman
c/o Sharla Dillon
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, Tennessee 37243

Re: *Petition Of Tennessee American Water Company To Change And Increase Certain Rates And Charges So As To Permit It To Earn A Fair And Adequate Rate Of Return On Its Property Used And Useful In Furnishing Water Service To Its Customers*
Docket No. 10-00189

Dear Chairman Freeman:

Enclosed please find the original and five (5) sets of copies of Tennessee American Water Company's Responses to the First Discovery Request of the Consumer Advocate and Protection Division to Tennessee American Water Company.

A compact disk has been provided for each set which contains copies of the responses, plus attachments, and attachments that, due to volume or specific instructions in the requests, are included only in electronic form. In addition, we are including a disc marked "Docket Manager Disc," which contains the entire filing in PDF format, excluding Excel spreadsheets.

Please file the original and four copies of these Responses and stamp the additional copy as "filed". Then please return that stamp filed copy to me by way of our courier.

Should you have any questions concerning any of the enclosed, please do not hesitate to contact me.

With kindest regards, I remain

Very truly yours,



R. Dale Grimes

RDG:smb
Enclosures

Chairman Mary Freeman

November 15, 2010

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cc: Hon. Sara Kyle (*w/o enclosure*)
Hon. Eddie Roberson (*w/o enclosure*)
Mr. David Foster, Chief of Utilities Division (*w/o enclosure*)
Richard Collier, Esq. (*w/o enclosure*)
Mr. Jerry Kettles, Chief of Economic Analysis & Policy Division (*w/o enclosure*)
T. Jay Warner, Esq. (*w/enclosure*)
Ryan McGehee, Esq. (*w/enclosure*)
Mary L. White, Esq. (*w/enclosure*)
David C. Higney, Esq. (*w/enclosure*)
Henry M. Walker, Esq. (*w/enclosure*)
Michael A. McMahan, Esq. (*w/enclosure*)
Valerie L. Malueg, Esq. (*w/enclosure*)
Frederick L. Hitchcock, Esq. (*w/enclosure*)
Harold L. North, Jr., Esq. (*w/enclosure*)
Mark Brooks, Esq. (*w/enclosure*)
Scott H. Strauss, Esq. (*w/enclosure*)
Katharine M. Mapes, Esq. (*w/enclosure*)
Donald L. Scholes, Esq. (*w/enclosure*)

**BEFORE THE TENNESSEE REGULATORY AUTHORITY
NASHVILLE, TENNESSEE**

IN RE:

**PETITION OF TENNESSEE AMERICAN
WATER COMPANY TO CHANGE AND
INCREASE CERTAIN RATES AND
CHARGES SO AS TO PERMIT IT TO
EARN A FAIR AND ADEQUATE RATE
OF RETURN ON ITS PROPERTY USED
AND USEFUL IN FURNISHING WATER
SERVICE TO ITS CUSTOMERS**

Docket No. 10-00189

**TENNESSEE AMERICAN WATER COMPANY'S RESPONSES TO THE FIRST
DISCOVERY REQUEST OF THE CONSUMER ADVOCATE AND PROTECTION
DIVISION TO TENNESSEE AMERICAN WATER COMPANY**

The Tennessee American Water Company ("TAWC") hereby responds as follows to the First Discovery Request of the Consumer Advocate and Protection Division ("CAPD") to TAWC:

GENERAL OBJECTIONS

(1) TAWC objects to all requests that seek information protected by the attorney-client privilege, the work product doctrine and/or any other applicable privilege or restriction on disclosure.

(2) TAWC objects to the definitions and instructions accompanying the requests to the extent the definitions and instructions contradict, are inconsistent with, or impose any obligations beyond those required by applicable provisions of the Tennessee Rules of Civil Procedure or the rules, regulations or orders of the Tennessee Regulatory Authority.

(3) TAWC objects to the definitions of the words “communication,” “you,” “person,” “persons,” “identity,” “identify,” and “document” that accompany the data requests because such definitions are overbroad and unduly burdensome.

(4) The specific responses set forth below are based upon information now available to TAWC, and TAWC reserves the right at any time to revise, correct, add to or clarify the objections or responses and supplement the information and/or documents produced.

(5) TAWC is providing its responses herein without waiver of, or prejudice to, its right at any later time to raise objections to: (a) the competence, relevance, materiality, privilege, or admissibility of the response, or the subject matter thereof; and (b) the use of any response, or subject matter thereof, in any subsequent proceedings.

(6) TAWC objects to each request to the extent that it is unreasonably cumulative or duplicative, or seeks information obtainable from some other source that is more convenient, less burdensome or less expensive.

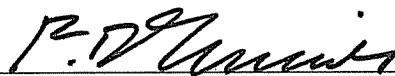
(7) TAWC objects to each request to the extent it seeks information outside TAWC’s custody or control.

(8) TAWC objects to the CAPD’s requests to the extent that they have exceeded the number of discovery requests (inclusive of subparts) authorized by the Tennessee Regulatory Authority in contested case proceedings pursuant to Rule 1220-1-2-.11(5)(a), as modified with respect to the CAPD by the Hearing Officer’s Order at the October 18, 2010 status conference. As such, the TAWC has responded to the CAPD’s first 80 requests (inclusive of subparts). The TAWC reserves all of its objections with respect to the discovery propounded by the CAPD that is in excess of the limit.

(9) TAWC objects to requests that call upon TAWC to create, categorize, manipulate, customize or otherwise organize data regarding time periods outside of TAWC's historical test year. TAWC objects to all such requests because they are unduly burdensome, seek to have TAWC create work product and seek information that is not relevant to this rate case.

(10) TAWC's specific objections to each request are in addition to the General Objections set forth in this section. These General Objections form a part of each discovery response, and they are set forth here to avoid the duplication and repetition of restating them for each discovery response. The absence of a reference to a General Objection in response to a particular request does not constitute a waiver of any General Objection with respect to that discovery request. All responses are made subject to and without waiver of TAWC's general and specific objections.

Respectfully submitted,



R. Dale Grimes (#006332)
E. Steele Clayton (#017298)
C. David Killion (#026412)
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Counsel for Petitioner
Tennessee American Water Company

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART I: WEATHER NORMALIZATION

Question:

1. Using Dr. Spitznagel's model, please provide a comparison of monthly weather-normalized water utilization with actual utilization for each of the past ten years.

Response:

See the attached schedules labeled as TN-CAPD-01-PART I-Q1-ATTACHMENT. The Company would note that it believes the intent of a Weather Normalized Adjustment ("WNA") for setting rates based on an attrition year rate filing is not to provide an absolute match of the future actual sales levels in the forecasted attrition year, but the purpose of the WNA is to determine a sales level for the attrition year that reflects the sales level for a normal weather year. Embedded in this approach is a realization that this approach would result in a sales level for the attrition year that would provide equal odds (50/50) those sales in the attrition year could be higher or lower depending on the weather in the attrition year. The Company believes that the use of a normalized sales level in a forecasted or attrition year approach to ratemaking is critical in establishing fair and reasonable rates for the attrition year and provides benefits to both the Company and its customers.

1. The WNA approach eliminates the roller coaster impact on rates from setting rates on historical test-years with significant increases or decreases from WNA sales levels. This is evident from the graph provided as Exhibit MAM-12 attached to the testimony of Mr. Miller. As shown on that graph, setting rates in the Company's 2008 rate case on historical sales levels influenced heavily by the extremely hot, dry weather years of 2006/2007 resulted in artificially lower rates. However, the converse side of this argument is that the rates to be set in the

current case must be adjusted for the much lower actual historical test-year sales trend and/or weather normalized attrition year sales in this case resulting in a significant amount of the needed increase in this case being due to lower going-level sales than those on which current rates were established. The Company does not believe it is in the customer's best interest to set rates with this built in roller coaster effect.

2. The Company is harmed when it has no opportunity to achieve the sales levels on which its current rates are set. Again this is demonstrated by the graphs provided with Exhibit MAM-12. As can be determined from the graphs the residential sales levels (yellow line) on which current rates were established provided little opportunity to achieve the revenues granted by the TRA in the Company's previous rates case unless 2009 again was one of the hottest, driest years on record and the economy was not in recession. It is also evident on the graphs that the utilization of the WNA in the commercial classification lessened the negative impacts from the non-WNA approach used for the residential classification in the 2008 rate case. There is little doubt the abandonment of the WNA approach in the Company's 2008 rate case significantly elevated the operation risk of the Company and contributed heavily to the untenable financial performance of the Company in 2009 and 2010, as well as the substantial increase required in this case, which has forced the Company to curtail needed resources for operating the Company and caused the difficulty experienced by the Company in attracting additional capital.

The Company believes the attached schedules demonstrate that the Weather Normalized sales levels have been a reasonably accurate indicator of the proper sales levels for setting rates in the attrition year and are far superior to the undefined averaging approach adopted by the TRA in the Company's 2008 rate case.

TENNESSEE-AMERICAN WATER COMPANY
RESIDENTIAL
NET WATER SALES (1000 GALS.)
TN-CAPD-01-Part 1-Q1

DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
12 MOS ENDING DEC. 03 :													
CONS/DAY													
Dr Spitznagel projections Case No. 2003-00118	0.14571	0.16895	0.16163	0.14604	0.15753	0.15552	0.17482	0.16781	0.15590	0.15892	0.14661	0.15524	0.15785
Dr Spitznagel projections Case No. 2004-00288	0.14260	0.13707	0.13510	0.13742	0.15112	0.16555	0.18021	0.18040	0.17320	0.16203	0.15346	0.14838	0.15688
	0.14325	0.14590	0.14329	0.13973	0.15263	0.16198	0.17940	0.17722	0.17444	0.16343	0.15167	0.14829	0.15686
12 MOS ENDING DEC. 04 :													
CONS/DAY													
Dr Spitznagel projections Case No. 2003-00118	0.13555	0.13205	0.12748	0.14182	0.14401	0.16211	0.15602	0.15672	0.16011	0.14604	0.14868	0.14804	0.14611
Dr Spitznagel projections Case No. 2004-00288	0.14130	0.13466	0.13308	0.13558	0.15030	0.16510	0.18021	0.18044	0.17270	0.16129	0.15285	0.14804	0.15472
	0.14197	0.14450	0.14239	0.13814	0.15203	0.16046	0.17896	0.17674	0.17409	0.16282	0.15075	0.14798	0.15597
12 MOS ENDING DEC. 05 :													
CONS/DAY													
Dr Spitznagel projections Case No. 2003-00118	0.13094	0.12729	0.12871	0.13276	0.13706	0.15061	0.15392	0.15571	0.15500	0.15739	0.15011	0.14614	0.14330
Dr Spitznagel projections Case No. 2004-00288	0.14000	0.13225	0.13107	0.13374	0.14949	0.16465	0.18022	0.18048	0.17219	0.16054	0.15225	0.14770	0.15387
Dr Spitznagel projections Case No. 2006-00290	0.14070	0.14311	0.14150	0.13654	0.15144	0.15893	0.17852	0.17625	0.17374	0.16220	0.14982	0.14767	0.15514
	0.13512	0.13604	0.13699	0.13575	0.14496	0.15945	0.16922	0.16492	0.16421	0.15532	0.14953	0.14745	0.15000
12 MOS ENDING DEC. 06 :													
CONS/DAY													
Dr Spitznagel projections Case No. 2003-00118	0.13319	0.13021	0.13914	0.13209	0.14396	0.16365	0.17564	0.16447	0.16988	0.14906	0.13488	0.13309	0.14690
Dr Spitznagel projections Case No. 2004-00288	0.13870	0.12984	0.12906	0.13189	0.14868	0.16420	0.18022	0.18053	0.17169	0.15980	0.15164	0.14736	0.15297
Dr Spitznagel projections Case No. 2006-00290	0.13943	0.14171	0.14061	0.13495	0.15084	0.15740	0.17809	0.17577	0.17338	0.16159	0.14890	0.14737	0.15428
Dr Spitznagel projections Case No. 2008-00039	0.13290	0.13415	0.13604	0.13407	0.14336	0.15770	0.16674	0.16208	0.16224	0.15345	0.14946	0.14715	0.14828
	0.13293	0.13287	0.13276	0.13604	0.14494	0.16195	0.16650	0.15990	0.16417	0.15122	0.14168	0.14023	0.14717
12 MOS ENDING DEC. 07													
CONS/DAY													
Dr Spitznagel projections Case No. 2004-00288	0.13083	0.12756	0.13122	0.13911	0.15045	0.18551	0.17076	0.16243	0.18319	0.16209	0.14458	0.13179	0.15172
Dr Spitznagel projections Case No. 2006-00290	0.13815	0.14032	0.13972	0.13335	0.15024	0.15587	0.17765	0.17529	0.17303	0.16097	0.14797	0.14706	0.15342
Dr Spitznagel projections Case No. 2008-00039	0.13069	0.13225	0.13510	0.13239	0.14177	0.15596	0.16425	0.15925	0.16026	0.15158	0.14738	0.14684	0.14657
	0.13072	0.13075	0.13133	0.13473	0.14342	0.16033	0.16441	0.15682	0.16200	0.14851	0.13907	0.13859	0.14513
12 MOS ENDING DEC. 08													
CONS/DAY													
Dr Spitznagel projections Case No. 2006-00290	0.11169	0.12859	0.12242	0.12681	0.13847	0.15404	0.17097	0.16408	0.16392	0.15322	0.13209	0.12689	0.14071
Dr Spitznagel projections Case No. 2008-00039	0.12847	0.13035	0.13415	0.13071	0.14018	0.15421	0.16177	0.15641	0.15829	0.14972	0.14631	0.14654	0.14485
	0.12851	0.12864	0.12989	0.13342	0.14190	0.15871	0.16231	0.15373	0.15983	0.14581	0.13645	0.13695	0.14305
12 MOS ENDING DEC. 09													
CONS/DAY													
Dr Spitznagel projections Case No. 2006-00290	0.12795	0.13048	0.12169	0.12046	0.13429	0.14811	0.17702	0.15991	0.14712	0.13342	0.12771	0.12422	0.13782
Dr Spitznagel projections Case No. 2008-00039	0.12626	0.12846	0.13321	0.12903	0.13858	0.15246	0.15929	0.15358	0.15631	0.14785	0.14524	0.14624	0.14313
	0.12630	0.12653	0.12846	0.13212	0.14038	0.15709	0.16022	0.15064	0.15766	0.14310	0.13384	0.13532	0.14104
12 MOS ENDING DEC. 10													
CONS/DAY													
Dr Spitznagel projections Case No. 2008-00039	0.12858	0.12753	0.12018	0.12715	0.13884	0.14724	0.16778	0.16343	0.16603	#DIV/0!	#DIV/0!	#DIV/0!	0.14315
Dr Spitznagel projections Case No. 2010-00189	0.12409	0.12442	0.12702	0.13081	0.13886	0.15547	0.15812	0.14756	0.15549	0.14040	0.13123	0.13368	0.13900
	0.12111	0.12430	0.12050	0.12450	0.13492	0.15410	0.16790	0.15453	0.15832	0.14454	0.12789	0.12378	0.13811

TENNESSEE-AMERICAN WATER COMPANY
COMMERCIAL
NET WATER SALES (1000 GALS.)
TN-CAPD-01-Part 1-Q1

DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
12 MOS ENDING DEC 03 : CONS/DAY													
Dr Spitznagel projections Case No. 2003-00118	0.94368	0.96866	0.96700	1.13328	0.97029	1.01572	1.15976	1.12565	1.04287	1.09547	0.96557	0.98249	1.03330
Dr Spitznagel projections Case No. 2004-00288	0.92040	0.93744	0.93775	0.95658	1.02871	1.09685	1.21945	1.21175	1.20841	1.14633	1.08097	0.97261	1.06066
Dr Spitznagel projections Case No. 2004-00288	0.92731	0.93995	0.94249	1.01948	1.01007	1.07153	1.21605	1.16487	1.17806	1.13014	1.04966	0.96878	1.05190
12 MOS ENDING DEC 04 : CONS/DAY													
Dr Spitznagel projections Case No. 2003-00118	1.08052	0.79560	0.98771	0.97659	0.87277	1.21146	0.98909	1.10834	1.18889	1.24836	1.11295	1.13281	1.07224
Dr Spitznagel projections Case No. 2004-00288	0.90931	0.92393	0.92295	0.94655	1.01913	1.08883	1.21087	1.19591	1.19375	1.13389	1.07128	0.96014	1.04826
Dr Spitznagel projections Case No. 2004-00288	0.91711	0.92422	0.92751	1.01716	0.99631	1.05432	1.20525	1.14135	1.15680	1.11387	1.03591	0.95629	1.03748
12 MOS ENDING DEC 05 : CONS/DAY													
Dr Spitznagel projections Case No. 2003-00118	0.97510	1.20309	1.05005	0.84284	1.08603	1.13606	0.97300	1.12250	1.14430	1.12906	1.12011	1.13580	1.07911
Dr Spitznagel projections Case No. 2004-00288	0.89822	0.91042	0.90816	0.93452	1.00954	1.07681	1.20229	1.18007	1.17909	1.12144	1.06159	0.94766	1.03655
Dr Spitznagel projections Case No. 2004-00288	0.90691	0.90949	0.91252	1.01484	0.98255	1.03711	1.19445	1.11783	1.13753	1.09759	1.02216	0.94380	1.02367
Dr Spitznagel projections Case No. 2006-00290	0.90637	0.96433	1.04437	0.95065	1.05902	1.09488	1.11896	1.09972	1.16257	1.19627	1.08141	1.16029	1.07066
12 MOS ENDING DEC 06 : CONS/DAY													
Dr Spitznagel projections Case No. 2003-00118	0.91477	0.90657	1.17693	0.93481	1.18254	1.05297	1.16909	1.14124	1.19615	1.10562	0.97628	0.90435	1.05622
Dr Spitznagel projections Case No. 2004-00288	0.88713	0.89691	0.89337	0.92250	0.99996	1.06879	1.19372	1.16423	1.16443	1.10899	1.05190	0.93519	1.02450
Dr Spitznagel projections Case No. 2004-00288	0.89672	0.89476	0.89754	1.01252	0.96879	1.01990	1.18366	1.09430	1.11827	1.08131	1.00841	0.93132	1.00956
Dr Spitznagel projections Case No. 2006-00290	0.89548	0.96086	1.05436	0.93993	1.05541	1.08918	1.09254	1.06880	1.14637	1.19395	1.07626	1.18049	1.06384
Dr Spitznagel projections Case No. 2008-00039	0.91142	0.94621	1.02940	0.95226	1.04201	1.11560	1.10365	1.09154	1.17403	1.13246	1.04186	1.07837	1.05222
12 MOS ENDING DEC 07 CONS/DAY													
Dr Spitznagel projections Case No. 2004-00288	0.93037	0.89571	0.94769	0.97446	1.02213	1.20992	1.18183	1.09871	1.34640	1.10323	1.08714	1.04228	1.07008
Dr Spitznagel projections Case No. 2006-00290	0.88652	0.88003	0.88295	1.01021	0.95502	1.00269	1.17286	1.07078	1.09900	1.06503	0.99467	0.91853	0.95644
Dr Spitznagel projections Case No. 2006-00290	0.88459	0.95740	1.06436	0.92821	1.05279	1.08348	1.06613	1.03789	1.13018	1.19163	1.07111	1.20069	1.05662
Dr Spitznagel projections Case No. 2008-00039	0.90434	0.94103	1.03752	0.94359	1.04245	1.11012	1.07980	1.06537	1.16082	1.11661	1.03016	1.08441	1.04386
12 MOS ENDING DEC 08 CONS/DAY													
Dr Spitznagel projections Case No. 2006-00290	0.79200	0.93305	0.99072	0.90562	1.06027	1.06352	1.21412	1.20283	1.20711	1.07501	1.04426	0.91288	1.02842
Dr Spitznagel projections Case No. 2008-00039	0.87371	0.95394	1.07435	0.91848	1.05017	1.07778	1.03972	1.00697	1.11399	1.18932	1.06595	1.22069	1.04960
Dr Spitznagel projections Case No. 2008-00039	0.89726	0.93565	1.04564	0.93491	1.04290	1.10465	1.05596	1.03921	1.14761	1.10077	1.01845	1.09044	1.03482
12 MOS ENDING DEC 09 CONS/DAY													
Dr Spitznagel projections Case No. 2006-00290	0.84959	0.90888	0.87127	0.90118	0.91093	1.01320	1.14133	1.12587	1.07327	0.97739	0.91486	0.87513	0.96409
Dr Spitznagel projections Case No. 2008-00039	0.86282	0.95048	1.06434	0.90776	1.04756	1.07208	1.01331	0.97605	1.18700	1.18700	0.10608	1.24108	1.04258
Dr Spitznagel projections Case No. 2008-00039	0.89018	0.93067	1.05376	0.92624	1.04335	1.09917	1.03211	1.01304	1.13439	1.08492	1.00674	1.09648	1.02653
12 MOS ENDING DEC 10 CONS/DAY													
Dr Spitznagel projections Case No. 2008-00039	0.91484	0.90555	0.83094	0.95257	0.98460	1.00305	1.13350	1.14515	1.22259	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Dr Spitznagel projections Case No. 2010-00189	0.88310	0.92549	1.06188	0.91757	1.0438	1.08370	1.08927	0.98888	1.12118	1.08907	0.99503	1.10251	1.07797
Dr Spitznagel projections Case No. 2010-00189	0.87193	0.9171	0.92952	0.88939	1.00102	1.06023	1.09191	1.10961	1.16362	1.03368	0.98173	0.94237	0.99975

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Dr. Edward L. Spitznagel Jr.**

PART I: WEATHER NORMALIZATION

Question:

2. Please provide, in Microsoft Excel or comparable format with formulas intact, the mean Palmer Modified Drought Index for the 30-year period from April 1980 to March 2010 mentioned on pages 5 and 6 of Dr. Spitznagel's testimony.

Response:

See attached document labeled as TN-CAPD-01-PART I-Q-2-ATTACHMENT. The Excel file is included on the enclosed CD in the folder labeled as TN-CAPD-01-PART I-Q2.

TN-CAPD-01-Part 1-Q2

Jan	0.24167
Feb	0.10000
Mar	-0.31733
Apr	0.01067
May	0.27133
Jun	0.49800
Jul	0.35033
Aug	0.23600
Sep	0.38000
Oct	0.23667
Nov	0.36300
Dec	0.36400

Note: The above values were calculated by a program, and have simply been copied from its output. To illustrate the process, I have re-computed them on Sheet 2 using Excel.

TN-CAPD-01-Part I-Q2

Identifier	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
4001081980				2.51	1.94	0.04	-1.62	-2.10	-1.99	-2.13	-2.14	-2.88
4001081981	-3.50	-3.12	-3.37	-2.84	-1.88	-0.84	-1.05	-0.78	0.22	1.11	0.86	0.80
4001081982	1.63	1.96	0.97	0.50	-0.34	-0.31	0.46	1.57	1.76	1.79	2.55	2.62
4001081983	0.61	-0.29	-1.72	1.10	1.98	1.31	-0.78	-1.34	-1.80	-1.68	-0.67	0.92
4001081984	-0.60	-0.53	-0.78	-0.50	2.07	1.39	2.81	1.65	0.05	-0.10	-0.03	-1.39
4001081985	-1.63	-1.15	-2.32	-2.72	-2.91	-1.70	-2.22	-0.28	-1.64	-1.68	-0.96	-2.12
4001081986	-2.85	-2.73	-3.45	-4.22	-4.11	-4.68	-5.14	-4.66	-4.19	-3.27	-2.54	-2.06
4001081987	-1.60	-0.88	-2.11	-1.54	-2.13	-2.10	-2.68	-3.36	-2.87	-3.38	-3.97	-4.13
4001081988	-3.82	-3.99	-4.39	-4.19	-4.15	-4.76	-4.45	-4.26	-3.18	-2.90	-1.81	-2.10
4001081989	-1.25	0.08	-0.35	-0.69	1.05	2.94	2.81	2.78	4.33	4.11	4.40	3.35
4001081990	3.43	3.93	3.63	2.35	3.37	1.75	1.43	1.57	1.19	2.53	1.38	3.10
4001081991	1.36	2.52	2.95	2.48	1.46	2.45	1.67	2.23	2.00	-0.01	0.13	2.49
4001081992	1.34	0.20	-0.39	-1.40	-0.84	0.95	1.08	1.60	1.64	2.06	2.40	2.81
4001081993	1.86	0.55	1.78	1.45	1.11	-0.45	-1.79	-1.34	-0.93	-1.43	-1.56	0.38
4001081994	1.19	2.23	3.82	4.51	3.75	4.57	4.75	4.82	4.14	4.06	3.19	1.25
4001081995	1.89	1.73	0.52	-1.26	0.17	0.91	-1.02	-1.42	-0.98	0.44	1.45	0.08
4001081996	1.82	0.62	0.94	1.35	1.68	1.36	1.78	2.04	2.60	1.62	3.04	3.09
4001081997	3.06	2.64	2.94	3.16	3.53	4.17	3.11	1.61	2.29	2.31	1.68	0.69
4001081998	0.91	0.11	-0.23	3.37	2.72	3.93	2.83	1.21	-1.06	-2.32	-2.91	-1.34
4001081999	0.27	-0.17	-0.35	-0.73	-0.29	1.11	1.50	-0.79	-1.32	-1.38	-1.68	-2.42
4001082000	-1.94	-2.46	-2.57	0.10	-0.24	0.33	-0.10	-0.59	-0.42	-2.17	-1.61	-2.07
4001082001	-1.84	-0.38	-1.22	-2.11	-1.90	-0.99	1.06	1.18	1.56	0.45	-0.96	-0.94
4001082002	0.81	-1.01	0.86	-0.96	-0.56	-1.11	-1.25	-1.83	0.16	1.20	1.99	2.27
4001082003	0.65	3.02	0.45	2.49	4.13	4.38	4.94	5.36	5.93	4.63	5.35	4.69
4001082004	3.33	2.93	2.20	1.43	1.05	3.00	3.03	2.93	4.29	4.12	4.71	4.84
4001082005	3.35	2.59	1.40	2.49	1.76	1.60	2.84	2.63	1.21	-0.44	-0.60	-1.18
4001082006	-0.93	-1.56	-2.12	0.58	0.62	0.71	-0.06	0.67	1.82	2.58	2.51	0.36
4001082007	-1.02	-2.13	-2.89	-1.97	-3.05	-3.07	-2.50	-3.91	-4.25	-4.39	-4.36	-4.47
4001082008	-4.32	-3.94	-3.45	-3.15	-3.07	-3.37	-2.92	-2.44	-3.02	-3.16	-3.20	-0.52
4001082009	0.47	-0.77	-1.37	-1.27	1.22	1.42	1.99	2.33	3.86	4.53	4.25	4.80
4001082010	4.57	3.00	1.10									
Averages:	0.24167	0.10000	-0.31733	0.01067	0.27133	0.49800	0.35033	0.23600	0.38000	0.23667	0.36300	0.36400

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**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Dr. Edward L. Spitznagel Jr.**

PART I: WEATHER NORMALIZATION

Question:

3. Please provide, in Microsoft Excel or comparable format with formulas intact, all inputs to Dr. Spitznagel's regressions in Appendix B to his testimony.

Response:

See attached document labeled as TN-CAPD-01-PART I-Q3-ATTACHMENT. The Excel file is included on the enclosed CD in a folder labeled as TN-CAPD-01-PART I-Q3.

Tennessee American Water Company
TN-CAPD-01-Part I-Q3
PMDI Values:

Identifier	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
4001082000				0.10	-0.24	0.33	-0.10	-0.59	-0.42	-2.17	-1.61	-2.07
4001082001	-1.84	-0.38	-1.22	-2.11	-1.90	-0.99	1.06	1.18	1.56	0.45	-0.96	-0.94
4001082002	0.81	-1.01	0.86	-0.96	-0.56	-1.11	-1.25	-1.83	0.16	1.20	1.99	2.27
4001082003	0.65	3.02	0.45	2.49	4.13	4.38	4.94	5.36	5.93	4.63	5.35	4.69
4001082004	3.33	2.93	2.20	1.43	1.05	3.00	3.03	2.93	4.29	4.12	4.71	4.84
4001082005	3.35	2.59	1.40	2.49	1.76	1.60	2.84	2.63	1.21	-0.44	-0.60	-1.18
4001082006	-0.93	-1.56	-2.12	0.58	0.62	0.71	-0.06	0.67	1.82	2.58	2.51	0.36
4001082007	-1.02	-2.13	-2.89	-1.97	-3.05	-3.07	-2.50	-3.91	-4.25	-4.39	-4.36	-4.47
4001082008	-4.32	-3.94	-3.45	-3.15	-3.07	-3.37	-2.92	-2.44	-3.02	-3.16	-3.20	-0.52
4001082009	0.47	-0.77	-1.37	-1.27	1.22	1.42	1.99	2.33	3.86	4.53	4.25	4.80
4001082010	4.57	3.00	1.10									

Residential Monthly Consumption (1000's of Gallons per Customer Day):

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2000				0.14393	0.15327	0.17275	0.17922	0.18164	0.17153	0.16174	0.16084	0.14724
2001	0.14779	0.14183	0.13741	0.14072	0.15634	0.16179	0.16474	0.16696	0.16431	0.15843	0.15507	0.15026
2002	0.14152	0.14028	0.14009	0.13615	0.14885	0.16232	0.18766	0.18496	0.18419	0.16235	0.14978	0.13992
2003	0.14571	0.16895	0.16163	0.14604	0.15753	0.15552	0.17482	0.16781	0.15590	0.15892	0.14661	0.15524
2004	0.13555	0.13205	0.12748	0.14182	0.14401	0.16211	0.15602	0.15672	0.16011	0.14604	0.14868	0.14804
2005	0.13094	0.12729	0.12871	0.13276	0.13706	0.15061	0.15392	0.15571	0.15500	0.15739	0.15011	0.14614
2006	0.13319	0.13021	0.13914	0.13209	0.14396	0.16365	0.17564	0.16447	0.16988	0.14906	0.13488	0.13309
2007	0.13083	0.12756	0.13122	0.13911	0.15045	0.18551	0.17076	0.16243	0.18319	0.16209	0.14458	0.13179
2008	0.11169	0.12859	0.12242	0.12681	0.13847	0.15404	0.17097	0.16408	0.16392	0.15322	0.13209	0.12689
2009	0.12795	0.13048	0.12169	0.12046	0.13429	0.14811	0.17702	0.15991	0.14712	0.13342	0.12771	0.12422
2010	0.12858	0.12753	0.12018									

Commercial Monthly Consumption (1000's of Gallons per Customer Day):

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2000				1.01263	1.07141	1.18979	1.25896	1.27712	1.26812	1.21042	1.13987	1.03423
2001	0.92879	0.96733	0.96761	0.97653	1.04465	1.10409	1.19148	1.10348	1.18551	1.12146	1.10681	0.99613
2002	0.93640	0.93827	0.94250	0.96786	1.01580	1.06484	1.27678	1.20523	1.18947	1.11232	1.05230	0.93510
2003	0.94368	0.96586	0.96700	1.13328	0.97029	1.01572	1.15976	1.12565	1.04287	1.09547	0.98567	0.98249
2004	1.08052	0.79560	0.98771	0.97659	0.87277	1.21146	0.98909	1.10834	1.18889	1.24836	1.11295	1.13281
2005	0.97510	1.20309	1.05005	0.84284	1.09603	1.13606	0.97300	1.12250	1.14430	1.12906	1.12011	1.13580
2006	0.91477	0.90857	1.17693	0.93481	1.18254	1.05297	1.16909	1.14124	1.19615	1.10562	0.97628	0.90435
2007	0.93037	0.89571	0.94769	0.97446	1.02213	1.20992	1.18183	1.09871	1.34640	1.10323	1.09714	1.04228
2008	0.79200	0.93305	0.99072	0.90562	1.06027	1.06352	1.21412	1.20283	1.20711	1.07501	1.04426	0.91288
2009	0.84959	0.90888	0.87127	0.90118	0.91093	1.01320	1.14133	1.12587	1.07327	0.97739	0.91486	0.87513
2010	0.91464	0.90555	0.83094									

Note: A statistics package, rather than Excel, was used to calculate the twenty-four regression models. The benefits are greater efficiency and accuracy. To demonstrate that the results are the same as would be obtained with Excel, the calculations are re-done in Excel below, for residential consumption in October.

Step 1: Copy the Residential Customer consumption values from the October column above and multiply by 1000.

Step 2: Copy the PMDI values from the October column above.

Step 3: Copy the year values and subtract 2000. (Subtracting 2000 provides greater computational accuracy.)

Step 4: Select the Regression tool from the Tools → Data Analysis menu, filling in the necessary information.

(Step 1) GCD	(Step 2) PMDI	(Step 3) year-2000
161.74	-2.17	0
158.43	0.45	1
162.35	1.20	2
158.92	4.63	3
146.04	4.12	4
157.39	-0.44	5
149.06	2.58	6
162.09	-4.39	7
153.22	-3.16	8
133.42	4.53	9

(Step 4)

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.858999589
R Square	0.737880293
Adjusted R Sq	0.662988948
Standard Error	5.340297312
Observations	10

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	561.9726123	280.9863062	9.852677839	0.009220381
Residual	7	199.6314277	28.51877538		
Total	9	761.60404			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	164.1412556	3.171542114	51.75439887	2.63401E-10	156.6417556	171.6407556
PMDI	-1.67471239	0.545186306	-3.07181668	0.018021424	-2.96387223	-0.38555255
year-2000	-1.92096488	0.58806971	-3.26655982	0.013739398	-3.31152779	-0.53040198

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**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART II: QUESTIONS & REQUESTS REGARDING COST OF CAPITAL & MISCELLANEOUS

Question:

4. Provide the actual capital structure including dollar amounts and percentages of short term debt, long term debt, preferred stock, and common equity, as well as the accompanying cost for rates for short term debt, long term debt and preferred stock, for each of the twelve months ending December 31, 2007, 2008, 2009 and forecasted for Dec. 31, 2010 for TAWC as well as any parent, subsidiary, or affiliate companies, including but not limited to:
- a. Tennessee American Water Company, subsidiary only.
 - b. American Water Works Company, Inc., parent only.
 - c. American Water Works Company, Inc. consolidated.
 - d. RWE AG parent only and consolidated.

Response:

The Company objects to this request on numerous grounds. The Company objects to the relevancy of the information requested for RWE and because the RWE information is neither in the possession or control of TAWC or American Water Works Company (“AWWC”) now that RWE has fully divested its stock ownership of AWWC. The Company has no avenue or means to obtain that data from RWE.

The Company further objects to providing the information requested for any other “affiliate companies” as being totally irrelevant, unlikely to lead to the discovery of admissible evidence, unduly burdensome, and overbroad.

The Company objects to the portion of this question that relates to forecasted data for AWWC (both parent and consolidated) at December 2010 due to the fact that AWW is

now a publicly traded company subject to the fair disclosure requirements of the U. S. Securities and Exchange Commission regarding forecasted data not available to the general investing public. The Company is willing to provide the December 2010 data requested for AWW once it is made public which is likely to occur in early 2011.

The Company has a general objection to the requested information for AWWC and TAWC data on the grounds that the Company does not possess the data in the format requested, the information for all years prior to the historical test-year are not relevant to this proceeding, the capital structures used to determine the weighted cost of capital ("WACC") are only generated as part of rate case filing requirements and not calculated or maintained in the format requested on a regular basis, and it would be unduly burdensome to generate the data in the format requested.

Without waiving these objections, the Company is providing the capital components for AWW as of December 2007-2009 along with the weighted cost of debt for AWW for those three years, as well as, a recap of the short-term debt rates of AWW during the three year period. This information is identified as TN-01-CAPD-PART II-Q-4-ATTACHMENT 1 and should be sufficient for the CAPD's likely proposal regarding "double leverage."

The Company's proposed 13-month average capital structure for the attrition year has been provided as Exhibit MAM-5 attached to Mr. Miller's testimony and is a capital structure and weighted cost of capital that properly matches the Company rate base in the attrition year with the capital components that will fund the attrition year rate base. In addition, the monthly balances of capital structure components and costs rates for the attrition year are provided in the Company's filing and working papers filed in response to TN-TRA-01-Q13 and Excel file labeled as Capital Structure.XLW, tab TAWC COC WP. The Company is providing the capital structure components and weighted cost of debt and preferred stock for TAWC as of December 2007-2009 and forecasted for December 2010 identified as TN-CAPD-01-PART II- Q4-ATTACHMENT 2.

Tennessee American Water Data Request
Docket No. 10-00189
CAPD-01-PART II-Q4 American Water Works - Consolidated

	At December 31, 2007	At December 31, 2008	At December 31, 2009	At September 30, 2010
Common stock	1,600	\$ 1,600	\$ 1,746	\$ 1,749
Paid-in-capital	5,637,947	5,888,253	6,140,077	6,151,349
Accumulated deficit	(1,079,118)	(1,705,594)	(2,076,287)	(1,960,806)
Accumulated other comprehensive loss	(18,383)	(82,251)	(64,677)	(61,086)
Treasury stock	-	(7)	-	-
Common stockholders' equity	4,542,046	4,102,001	4,000,859	4,131,206
Preferred stock of subsidiary companies without mandatory redemption requirements	4,568	4,557	4,557	4,547
Total stockholders' equity	4,546,614	4,106,558	4,005,416	4,135,753
Long-term debt	4,771,292	4,799,885	5,342,248	5,371,548
Short-term debt	220,514	479,010	119,497	181,841
Preferred with Mandatory	24,296	24,150	23,946	23,802
Total capitalization	\$ 9,562,716	\$ 9,409,603	\$ 9,491,107	\$ 9,712,944

Tennessee American Water Data Request
Docket No. 10-00189
CAPD-01-PART II-Q4 American Water Works - Parent Stand Alone

	At December 31, 2007	At December 31, 2008	At December 31, 2009	At September 30, 2010
Common stock	1,600	\$ 1,600	\$ 1,746	\$ 1,749
Paid-in-capital	5,637,947	5,888,253	6,140,077	6,151,349
Accumulated deficit	(1,079,118)	(1,705,594)	(2,076,287)	(1,960,806)
Accumulated other comprehensive loss	(18,383)	(82,251)	(64,677)	(61,086)
Treasury stock	-	-	-	-
Common stockholders' equity	4,542,046	4,102,008	4,000,859	4,131,206
Preferred stock of subsidiary companies \	4,568	4,557	4,557	4,547
Total stockholders' equity	4,546,614	4,106,565	4,005,416	4,135,753
Long-term debt	1,188,279	1,176,270	1,170,260	1,164,253
Short-term debt	116,423	28,288	19,488	57,162
Total capitalization	\$ 5,851,316	\$ 5,311,123	\$ 5,195,164	\$ 5,357,168

Year Ending 2007, 2008, 2009
CAPD-01-PART II-Q4 Debt

Portfolio Name - YE 2007	Subledger	Issuance	Maturity	Int Rate	Original Amount	Ending Amount	Annual Issuance Expense	Annual Int Exp	Annual Debt Expense	Unamortized Debt Expense	Carrying Value	Embedded Cost Rate
American Water Works Company	BD020009	3/29/2001	3/29/2011	6.87	30,000,000	24,000,000	-	1,648,800	1,648,800	-	24,000,000	
	BD020014	1/31/2007	12/21/2018	5.62	500,000	500,000	139	28,100	28,239	1,532	498,468	
	BD020015	12/21/2008	12/21/2021	5.77	82,000,000	66,000,000	14,582	3,808,200	3,822,792	204,355	65,795,645	
	BD020016	2/15/2007	12/21/2021	5.77	4,000,000	4,000,000	884	230,800	231,684	12,522	3,987,478	
	BD020017	1/31/2007	12/21/2013	5.39	1,000,000	1,000,000	482	53,900	54,382	2,893	997,107	
	BD020018	3/29/2007	3/29/2019	5.62	40,000,000	40,000,000	10,882	2,248,000	2,258,882	122,427	39,877,573	
	BD020020	10/22/2007	10/15/2037	6.59	302,750,000	302,750,000	100,632	19,951,225	20,051,857	6,209,855	296,540,145	
	BD020021	10/22/2007	10/15/2017	6.09	750,000,000	750,000,000	430,704	45,675,000	46,105,704	805,436	749,194,574	
	American Water Works Company Total				1,210,250,000	1,186,250,000	558,326	73,644,025	74,202,351	7,359,070	1,180,890,990	6.28%

Portfolio Name - YE 2008	Subledger	Issuance	Maturity	Int Rate	Original Amount	Ending Amount	Annual Issuance Expense	Annual Int Exp	Annual Debt Expense	Unamortized Debt Expense	Carrying Value	Embedded Cost Rate
American Water Works Company	BD020009	3/29/2001	3/29/2011	6.87	30,000,000	18,000,000	-	1,236,600	1,236,600	-	18,000,000	
	BD020014	1/31/2007	12/21/2018	5.62	500,000	500,000	139	28,100	28,216	1,380	498,610	
	BD020015	12/21/2008	12/21/2021	5.77	82,000,000	66,000,000	14,582	3,808,200	3,826,226	189,759	65,810,241	
	BD020016	2/15/2007	12/21/2021	5.77	4,000,000	4,000,000	884	230,800	231,769	11,627	3,988,373	
	BD020017	1/31/2007	12/21/2013	5.39	1,000,000	1,000,000	482	53,900	54,012	2,411	997,589	
	BD020018	3/29/2007	3/29/2019	5.62	40,000,000	40,000,000	10,882	2,248,000	2,257,285	111,544	39,888,456	
	BD020020	10/22/2007	10/15/2037	6.59	302,750,000	302,750,000	100,632	19,951,225	20,202,127	2,901,823	299,848,177	
	BD020021	10/22/2007	10/15/2017	6.09	750,000,000	750,000,000	430,704	45,675,000	45,954,554	3,804,648	746,195,352	
	American Water Works Company Total				1,297,250,000	1,182,250,000	558,326	73,231,825	73,790,799	7,023,202	1,175,228,798	6.28%

Portfolio Name - YE 2009	Subledger	Issuance	Maturity	Int Rate	Original Amount	Ending Amount	Annual Issuance Expense	Annual Int Exp	Annual Debt Expense	Unamortized Debt Expense	Carrying Value	Embedded Cost Rate
American Water Works Company	BD020009	3/29/2001	3/29/2011	6.87	30,000,000	12,000,000	-	824,400	824,400	0	12,000,000	
	BD020014	1/31/2007	12/21/2018	5.62	500,000	500,000	139	28,100	28,239	1,251	498,749	
	BD020015	12/21/2008	12/21/2021	5.77	82,000,000	66,000,000	14,582	3,808,200	3,822,792	175,162	65,824,838	
	BD020016	2/15/2007	12/21/2021	5.77	4,000,000	4,000,000	884	230,800	231,694	10,733	3,989,267	
	BD020017	1/31/2007	12/21/2013	5.39	1,000,000	1,000,000	482	53,900	54,382	1,828	998,072	
	BD020018	3/29/2007	3/29/2019	5.62	40,000,000	40,000,000	10,882	2,248,000	2,258,882	100,682	39,889,338	
	BD020020	10/22/2007	10/15/2037	6.59	302,750,000	302,750,000	100,632	19,951,225	20,051,857	2,801,181	299,948,819	
	BD020021	10/22/2007	10/15/2017	6.09	750,000,000	750,000,000	430,704	45,675,000	46,105,704	3,373,933	746,628,067	
	American Water Works Company Total				1,210,250,000	1,176,250,000	558,326	72,819,625	73,377,951	6,464,850	1,169,785,150	6.27%

Portfolio Name - Sept 2010	Subledger	Issuance	Maturity	Int Rate	Original Amount	Ending Amount	Annual Issuance Expense	Annual Int Exp	Annual Debt Expense	Unamortized Debt Expense	Carrying Value	Embedded Cost Rate
American Water Works Company	BD020009	3/29/2001	3/29/2011	6.87	30,000,000	6,000,000	-	412,200	412,200	0	6,000,000	
	BD020014	1/31/2007	12/21/2018	5.62	500,000	500,000	139	28,100	28,239	1,147	498,853	
	BD020015	12/21/2008	12/21/2021	5.77	82,000,000	66,000,000	14,582	3,808,200	3,822,792	165,761	65,834,239	
	BD020016	2/15/2007	12/21/2021	5.77	4,000,000	4,000,000	884	230,800	231,694	10,062	3,989,938	
	BD020017	1/31/2007	12/21/2013	5.39	1,000,000	1,000,000	482	53,900	54,382	1,567	998,433	
	BD020018	3/29/2007	3/29/2019	5.62	40,000,000	40,000,000	10,882	2,248,000	2,258,882	92,500	39,907,500	
	BD020020	10/22/2007	10/15/2037	6.59	302,750,000	302,750,000	100,632	19,951,225	20,051,857	2,725,701	300,024,289	
	BD020021	10/22/2007	10/15/2017	6.09	750,000,000	750,000,000	430,704	45,675,000	46,105,704	3,050,897	746,949,103	
	American Water Works Company Total				1,210,250,000	1,170,250,000	558,326	72,407,425	72,965,751	6,047,635	1,164,202,365	6.27%

**AMERICAN WATER WORKS Stand Alone
SHORT TERM DEBT**

2007			
SHORT TERM DEBT at month's end	<u>BALANCE</u>	<u>INTEREST RATE</u>	<u>INTEREST PAID</u>
JANUARY	(126,042,095.96)	5.50%	\$ 627,653
FEBRUARY	(134,058,164.55)	5.42%	525,746
MARCH	144,865,857.88	5.49%	641,811
APRIL	250,256,210.71	5.39%	(1,172,506)
MAY	328,563,138.50	5.39%	(1,469,317)
JUNE	364,213,906.56	5.44%	(1,558,447)
JULY	343,861,723.30	5.37%	(1,672,758)
AUGUST	349,161,327.91	5.75%	(1,782,364)
SEPTEMBER	398,791,187.28	5.75%	(1,800,882)
OCTOBER	118,797,229.07	5.33%	(1,415,903)
NOVEMBER	155,042,308.25	5.17%	(694,441)
DECEMBER	160,200,161.17	5.28%	36,797.96
TOTAL			<u>\$ (9,734,609)</u>

2008			
SHORT TERM DEBT at month's end	<u>BALANCE</u>	<u>INTEREST RATE</u>	<u>INTEREST PAID</u>
JANUARY	\$ 166,026,367.03	5.16%	\$ (751,948)
FEBRUARY	140,150,009.59	4.12%	(549,722)
MARCH	140,299,366.13	3.48%	(422,707)
APRIL	95,252,516.53	3.22%	(325,398)
MAY	388,227,450.69	3.28%	(780,693)
JUNE	335,889,404.60	3.04%	(1,000,432)
JULY	310,860,692.49	2.96%	(850,493)
AUGUST	210,434,464.53	2.96%	(611,585)
SEPTEMBER	202,118,916.69	3.27%	(517,098)
OCTOBER	186,328,735.63	4.07%	(603,133)
NOVEMBER	196,852,580.45	3.33%	(527,036)
DECEMBER	227,846,848.87	2.80%	(383,707)
TOTAL			<u>\$ (7,323,950)</u>

2009

SHORT TERM DEBT at month's end	<u>BALANCE</u>	<u>INTEREST RATE</u>	<u>INTEREST PAID</u>
JANUARY	\$ 224,059,744.38	0.87%	\$ (165,875)
FEBRUARY	191,674,460.73	0.92%	(160,748)
MARCH	189,599,009.07	1.03%	(169,313)
APRIL	114,769,037.67	0.97%	(126,229)
MAY	58,893,169.31	0.86%	(79,661)
JUNE	298,110,897.24	0.80%	(153,823)
JULY	302,428,577.76	0.67%	(173,031)
AUGUST	262,961,420.05	0.53%	(135,833)
SEPTEMBER	281,997,317.23	0.46%	(102,800)
OCTOBER	222,143,970.66	0.39%	(80,039)
NOVEMBER	174,720,168.32	0.34%	(62,065)
DECEMBER	77,685,147.49	0.36%	(50,819)
TOTAL			<u>\$ (1,460,235)</u>

2010

SHORT TERM DEBT at month's end	<u>BALANCE</u>	<u>INTEREST RATE</u>	<u>INTEREST PAID</u>
JANUARY	\$ 77,860,965.54	0.35%	\$ (22,598)
FEBRUARY	45,176,222.72	0.32%	(19,205)
MARCH	52,981,962.36	0.33%	(12,103)
APRIL	30,045,552.47	0.37%	(13,639)
MAY	(43,689,790.91)	0.42%	(7,772)
JUNE	(51,947,291.82)	0.45%	16,987
JULY	(50,548,213.49)	0.46%	20,256
AUGUST	(87,964,737.54)	0.46%	20,838
SEPTEMBER	(31,556,724.19)	0.44%	30,631

American Water Works

PFS

(All)

2007

LTD JDE Subledger	Mark up	PFSM	PFSW	Grand Total	Unamortized Expense	Annual Debt Expense	Annual Dividends	Annual Debt Expense	Carrying Value
PS100001	6.000000	-300.000		-300.000	-	-	18,000	18,000	300.000
PS120002	5.750000		-391.800	-391.800	-	-	-	-	391.800
PS120003	5.500000		-488.300	-488.300	-	-	-	-	488.300
PS120004	5.000000		-586.600	-586.600	-	-	-	-	586.600
PS120007	8.470000	-4,500.000	-1,466.700	-5,966.700	22,291	771	381,150	381,921	4,477.709
		-4,500.000			22,291	771	381,150	381,921	5,944.409
PS170001	9.180000	-2,500.000		-2,500.000	32,377	15,216	229,500	244,716	2,467.623
PS170003	5.875000	-132.000		-132.000	-	-	7,755	7,755	132.000
		-2,632.000		-2,632.000	32,377	15,216	237,255	252,471	2,599.623
PS180001	4.600000	-160.000		-160.000	1,547	157	8,280	8,437	178.453
PS180002	5.500000	-96.000		-96.000	1,079	180	5,280	5,460	94.921
PS180003	4.700000	-180.000		-180.000	1,662	185	8,460	8,645	178.338
PS180004	4.700000	-600.000		-600.000	3,135	348	28,200	28,548	596.865
PS180005	4.750000	-30.000		-30.000	427	43	1,425	1,468	29.573
		-1,086.000	0	-1,086.000	7,850	913	51,645	52,558	1,078.150
PS220004	5.500000	-36.000		-36.000	2,696	539	1,980	2,519	33.304
PS220005	5.750000	-36.000		-36.000	597	54	2,070	2,124	35.403
PS220006	8.440000	-1,100.000		-1,100.000	13,541	1,041	92,840	93,881	1,086.459
		-1,172.000	0	-1,172.000	16,834	1,634	96,890	98,524	1,155.166
PS240007	9.750000	-178.000		-178.000	1,240	-	17,355	17,355	176.760
PS240008	9.350000	-273.500		-273.500	2,421	-	25,572	25,572	271.079
PS240009	8.490000	-12,000.000		-12,000.000	31,767	4,716	1,018,800	1,023,516	11,968.233
PS240011	4.500000	-1,720.200		-1,720.200	-	-	77,409	77,409	1,720.200
		-12,451.500	-1,720.200	-14,171.700	35,428	4,716	1,139,136	1,143,852	14,136.272
PS260002	5.000000		-1,381.600	-1,381.600	-	-	69,080	69,080	1,381.600
			-1,381.600	-1,381.600	-	-	69,080	69,080	1,381.600
PS270001	6.000000	-168.000		-168.000	1,762		10,080	10,080	166.238
PS270007	4.600000	-234.000		-234.000	2,467		10,764	10,764	231.533
		-402.000		-402.000	4,229	-	20,844	20,844	397.771
PS280002	4.625000	-100.000		-100.000	761	76	4,625	4,701	99.239
PS280004	8.850000	-2,000.000		-2,000.000	24,014	330	177,000	177,330	1,975.986
		-2,100.000		-2,100.000	24,775	406	181,625	182,031	2,075.225
		-24,643.500	-4,568.500	-29,212.000	143,784	23,657	2,195,625	2,219,282	29,068.216

Embedded
Cost
7.6347%

American Water Works

PFS

(All)

2008

LTD JDE Subledger	Mark up	PFSM	PFSW	Grand Total	Unamortized Expense	Annual Debt Expense	Annual Dividends	Annual Debt Expense	Carrying Value
PS100001	6,000,000	-270,000		-270,000	-	-	16,200	16,200	270,000
		-270,000		-270,000	-	-	16,200	16,200	270,000
PS120002	5,750,000		-388,800	-388,800	-	-	-	-	388,800
PS120003	5,500,000		-486,000	-486,000	-	-	-	-	486,000
PS120004	5,000,000		-580,800	-580,800	-	-	-	-	580,800
PS120007	8,470,000	-4,500,000		-4,500,000	21,520	771	381,150	381,921	4,478,480
		-4,500,000	-1,455,600	-5,955,600	21,520	771	381,150	381,921	5,934,080
PS170001	9,180,000	-2,500,000		-2,500,000	32,222	15,216	229,500	244,716	2,467,778
PS170003	5,875,000	-120,000		-120,000	-	-	7,050	7,050	120,000
		-2,620,000		-2,620,000	32,222	15,216	236,550	251,766	2,587,778
PS180001	4,600,000	-162,000		-162,000	1,338	157	7,452	7,609	160,662
PS180002	5,500,000	-80,000		-80,000	809	180	4,400	4,580	79,191
PS180003	4,700,000	-160,000		-160,000	1,386	185	7,520	7,705	158,614
PS180004	4,700,000	-540,000		-540,000	3,049	348	25,380	25,728	536,951
PS180005	4,750,000	-27,000		-27,000	352	43	1,283	1,325	26,648
		-969,000	0	-969,000	6,934	913	46,035	46,948	962,066
PS220004	5,500,000	-30,000		-30,000	2,157	539	1,650	2,189	27,843
PS220005	5,750,000	-33,000		-33,000	542	54	1,898	1,952	32,458
PS220006	8,440,000	-1,100,000		-1,100,000	12,500	1,041	92,840	93,881	1,087,500
		-1,163,000	0	-1,163,000	15,199	1,634	96,388	98,022	1,147,801
PS240007	9,750,000	-178,000		-178,000	1,240	-	17,355	17,355	176,760
PS240008	9,350,000	-273,500		-273,500	2,421	-	25,572	25,572	271,079
PS240009	8,490,000	-12,000,000		-12,000,000	30,594	4,716	1,018,800	1,023,516	11,969,406
PS240011	4,500,000	-1,720,200		-1,720,200	-	-	77,409	77,409	1,720,200
		-12,451,500	-1,720,200	-14,171,700	34,255	4,716	1,139,136	1,143,852	14,137,445
PS260002	5,000,000		-1,381,600	-1,381,600	-	-	69,080	69,080	1,381,600
			-1,381,600	-1,381,600	-	-	69,080	69,080	1,381,600
PS270001	6,000,000	-154,000		-154,000	1,762		9,240	9,240	152,238
PS270007	4,600,000	-208,000		-208,000	2,467		9,568	9,568	205,533
		-362,000		-362,000	4,229	-	18,808	18,808	357,771
PS280002	4,625,000	-90,000		-90,000	684	76	4,163	4,239	89,316
PS280004	8,850,000	-2,000,000		-2,000,000	23,684	330	177,000	177,330	1,976,316
		-2,090,000		-2,090,000	24,368	406	181,163	181,569	2,065,632
		-24,425,500	-4,557,400	-28,982,900	138,727	23,657	2,184,509	2,208,165	28,844,173

Embedded Cost
7.6555%

American Water Works
PFS

(All)

2009

LTD JDE Subledger	Mark up	PFSM	PFSW	Grand Total	Unamortized Expense	Annual Debt Expense	Annual Dividends	Annual Debt Expense	Carrying Value
PS100001	6.000000	-240.000		-240.000	-	-	14,400	14,400	240.000
		-240.000		-240.000	-	-	14,400	14,400	240.000
PS120002	5.750000		-388.800	-388.800	-	-	-	-	388.800
PS120003	5.500000		-486.000	-486.000	-	-	-	-	486.000
PS120004	5.000000		-580.800	-580.800	-	-	-	-	580.800
PS120007	8.470000	-4,500.000	-1,455.600	-5,955.600	20,749	771	381,150	381,921	4,479,251
		-4,500.000	-1,455.600	-5,955.600	20,749	771	381,150	381,921	5,934,851
PS170001	9.180000	-2,500.000		-2,500.000	30,795	15,216	229,500	244,716	2,469,205
PS170003	5.875000	-108.000		-108.000	-	-	6,345	6,345	108,000
		-2,608.000		-2,608.000	30,795	15,216	235,845	251,061	2,577,205
PS180001	4.600000	-144.000		-144.000	1,180	157	6,624	6,781	142,820
PS180002	5.500000	-64.000		-64.000	629	180	3,520	3,700	63,371
PS180003	4.700000	-140.000		-140.000	1,201	185	6,580	6,765	138,799
PS180004	4.700000	-480.000		-480.000	2,700	348	22,560	22,908	477,300
PS180005	4.750000	-24.000		-24.000	309	43	1,140	1,183	23,691
		-852.000		-852.000	6,019	913	40,424	41,337	845,981
PS220004	5.500000	-24.000		-24.000	1,815	539	1,320	1,859	22,185
PS220005	5.750000	-30.000		-30.000	492	54	1,725	1,779	29,508
PS220006	8.440000	-1,100.000		-1,100.000	13,159	1,041	92,840	93,881	1,086,841
		-1,154.000		-1,154.000	15,466	1,634	95,885	97,519	1,138,534
PS240007	9.750000	-178.000		-178.000	1,240	-	17,355	17,355	176,760
PS240008	9.350000	-273.500		-273.500	2,421	-	25,572	25,572	271,079
PS240009	8.490000	-12,000.000		-12,000.000	29,788	4,716	1,018,800	1,023,516	11,970,212
PS240011	4.500000	-1,720.200		-1,720.200	-	-	77,409	77,409	1,720,200
		-12,451.500	-1,720.200	-14,171.700	33,449	4,716	1,139,136	1,143,852	14,138,251
PS260002	5.000000		-1,381.600	-1,381.600	-	-	69,080	69,080	1,381,600
			-1,381.600	-1,381.600	-	-	69,080	69,080	1,381,600
PS270001	6.000000	-140.000		-140.000	1,762		8,400	8,400	138,238
PS270007	4.600000	-182.000		-182.000	2,467		8,372	8,372	179,533
		-322.000		-322.000	4,229	-	16,772	16,772	317,771
PS280002	4.625000	-80.000		-80.000	608	76	3,700	3,776	79,392
PS280004	8.850000	-2,000.000		-2,000.000	23,353	330	177,000	177,330	1,976,647
		-2,080.000	0	-2,080.000	23,961	406	180,700	181,106	2,056,039
		-24,207.500	-4,557.400	-28,764.900	134,668	23,657	2,104,312	2,127,969	28,630,232

Embedded Cost
7.4326%

American Water Works
PFS as of 9/30/10
(All)

LTD JDE		PFSM	PFSW	Grand Total	Unamortized Expense	Annual Unamortized Expense	Annual Dividends	Annual Debt Expense	Carrying Value
Subledger	Mark up								
PS100001	6.000000	-210.000		-210.000	-	-	12.600	12.600	210.000
		-210.000		-210.000					
PS120002	5.750000		-388.800	-388.800	-	-	-	-	388.800
PS120003	5.500000		-486.000	-486.000	-	-	-	-	486.000
PS120004	5.000000		-570.800	-570.800	-	-	-	-	570.800
PS120007	8.470000	-4,500.000	-1,445.600	-5,945.600	20,171	771	381,150	381,921	4,479,829
		-4,500.000	-1,445.600	-5,945.600	20,171	771	381,150	381,921	5,925,429
PS170001	9.180000	-2,500.000		-2,500.000	29,743	15,216	229,500	244,716	2,470,257
PS170003	5.875000	-108.000		-108.000	-	-	6,345	6,345	108.000
		-2,608.000		-2,608.000	29,743	15,216	235,845	251,061	2,578,257
PS180001	4.600000	-126.000		-126.000	1,062	157	5,796	5,953	124,938
PS180002	5.500000	-48.000		-48.000	494	180	2,640	2,820	47,506
PS180003	4.700000	-120.000		-120.000	1,062	185	5,640	5,825	118,938
PS180004	4.700000	-480.000		-480.000	2,439	348	22,560	22,908	477,561
PS180005	4.750000	-21.000		-21.000	277	43	998	1,040	20,723
		-795.000		-795.000	5,334	913	37,634	38,547	789,666
PS220004	5.500000	-24.000		-24.000	1,460	539	1,320	1,859	22,540
PS220005	5.750000	-27.000		-27.000	453	54	1,553	1,607	26,547
PS220006	8.440000	-1,100.000		-1,100.000	12,792	1,041	92,840	93,881	1,087,208
		-1,151.000		-1,151.000	14,705	1,634	95,713	97,347	1,136,295
PS240007	9.750000	-178.000		-178.000	1,240	-	17,365	17,355	176,760
PS240008	9.350000	-273.500		-273.500	2,421	-	25,572	25,572	271,079
PS240009	8.490000	-12,000.000		-12,000.000	28,955	4,716	1,018,800	1,023,516	11,971,045
PS240011	4.500000	-1,720.200		-1,720.200	-	-	77,409	77,409	1,720,200
		-12,451.500	-1,720.200	-14,171,700	32,616	4,716	1,139,136	1,143,852	14,139,084
PS260002	5.000000		-1,381.600	-1,381.600	-	-	69,080	69,080	1,381,600
			-1,381.600	-1,381.600	-	-	69,080	69,080	1,381,600
PS270001	6.000000	-126.000		-126.000	1,762		7,560	7,560	124,238
PS270007	4.600000	-156.000		-156.000	2,467		7,176	7,176	153,533
		-282.000		-282.000	4,229	-	14,736	14,736	277,771
PS280002	4.625000	-70.000		-70.000	532	76	3,238	3,314	69,468
PS280004	8.850000	-2,000.000		-2,000.000	23,106	330	177,000	177,330	1,976,894
		-2,070.000	0	-2,070.000	23,638	406	180,238	180,644	2,046,362
		-24,067,500	-4,547,400	-28,614,900	130,436	23,657	2,166,131	2,189,787	28,484,464

Embedded
Cost
7.6877%

Tennessee American Water Company
Reponse to TN-CAPD-PART II-Q4 ATTACHMENT 2
TAWC Recap of Capital Structure

	Capital Structure			Interest Expense			
	2007	RATIO	2008	RATIO	2007	2008	2009
Long Term Debt							
6.5% Series	6,500,000				422,500		
9.25% Series	2,500,000		2,500,000		231,250	231,250	231,250
7.84% Series	5,700,000		5,700,000		446,880	446,880	446,880
6.87% Series	4,080,000		3,060,000		280,296	210,222	140,148
5.39% Series	15,000,000		15,000,000		808,500	808,500	808,500
5.62% Series	19,000,000		19,000,000		1,067,800	1,067,800	1,067,800
6.00% Series			10,650,000				639,000
Capital Lease	961,182		825,320		97,432	91,261	77,768
Total	53,741,182	49.80%	46,085,320	40.96%	3,354,658	2,855,913	3,411,346
Short-Term Debt	10,091,870	9.35%	14,664,024	13.03%			
Preferred Stock	1,381,600	1.28%	1,381,600	1.23%			
Common Equity	42,703,917	39.57%	50,394,094	44.78%			
Total Capital	107,918,569	100.00%	112,525,038	100.00%			
Unamortized Debt Issuance Costs	181,893		156,751				
Weighted Cost of LT Debt	6.26%		6.22%				
Weighted Cost of Pref. Stock	5.00%		5.00%				

Tennessee American Water
Capital Structure & WACC
at December 31, 2010 (Forecasted)

Response to TN-CAPD-01-PART II-Q4 ATTACHMENT 2

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

Line No.	Class of Capital	Reference	Amount	Percent of Total	Cost Rate	Weighted Cost of Capital
1						
2						
3	Long-term Debt	Schedule 2	\$62,607,138	53.48%	6.21%	3.321%
4						
5	Short-term Debt		1,511,756	1.29%	1.90%	0.025%
6						
7	Preferred Equity	Schedule 3	1,381,600	1.18%	5.00%	0.059%
8						
9						
10	Common Stock		51,560,985	44.05%	11.50%	5.065%
11						
12						
13	Total Capitalization		117,061,479	100.00%		8.470%
14						
15						
16						
17						
18	Total Common Equity Return Proposed		11.50%			
19						
20	Note: ST Debt Rate and ROE equal to TAWC's proposed cost rates in filing.					
21						

6.21%

TENNESSEE AMERICAN WATER COMPANY
PREFERRED STOCK AVERAGING FOR FORECASTED PERIOD
at December 31, 2010 (Forecasted)

Line No.	Debt Issue Type & Rate	13 Month Average	Cost Rate At Issue	Cost Rate @ Maturity	Forecasted Amort of Issuance Exp	Annualized Cost	Average Unamortized Issue Exp	Net Carrying Value
1								
2								
3								
4								
5	Cumulative 5% Series	1,381,600	5.000%	5.000%	0	69,080	0	1,381,600
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18	TOTAL	<u>\$ 1,381,600</u>				<u>\$ 69,080</u>	<u>\$ -</u>	<u>\$ 1,381,600</u>
19								
20								
21								
22	13 MONTH AVERAGE COST RATE		<u>5.000%</u>					
23								

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART II: QUESTIONS & REQUESTS REGARDING COST OF CAPITAL & MISCELLANEOUS

Question:

5. Provide the forecasted capital structure including dollar amounts and percentages of short term debt, long term debt, preferred stock, and common equity, as well as the accompanying cost rates for short term debt, long term debt and preferred stock, for the attrition year ending April 30, 2011, for TAWC as well as any parent, subsidiary, or affiliate companies, including but not limited to:
- a. Tennessee American Water Company, subsidiary only.
 - b. American Water Works Company, Inc., parent only.
 - c. American Water Works Company, Inc. consolidated.
 - d. RWE AG parent only and consolidated.

Response:

The Company objects to this request on numerous grounds. The Company objects to the relevancy of the information requested for RWE and because RWE information is neither in the possession or control of TAWC or American Water Works Company (“AWWC”). RWE has fully divested its stock ownership of AWWC. The Company has no avenue or means to obtain that data from RWE.

The Company further objects to providing the information requested for any other “affiliate companies” as being totally irrelevant, unlikely to lead to the discovery of admissible evidence, unduly burdensome, and overbroad.

The Company objects to the portion of this question that relates to forecasted data for AWWC (both parent and consolidated) at April 30, 2011 due to the fact that AWW is now a publicly traded company subject to the fair disclosure requirements of the U. S. Securities and Exchange Commission regarding forecasted data not available to the general investing public.

The Company has a general objection to the requested information for AWWC and TAWC data on the grounds that the Company does not possess the data in the format requested, and the capital structures used to determine the weighted cost of capital ("WACC") are only generated as part of rate case filing requirements and not calculated or maintained in the format on a regular basis. All of the information required to calculate the data requested by the CAPD have been provided in the working papers and identified and filed in response to TN-TRA-01-Q13 and Excel file labeled as Capital Structure.XLW, tab TAWC COC WP.

Notwithstanding these objections, the Company's proposed 13-month average capital structure for the attrition year has been provided as Exhibit MAM-5 attached to Mr. Miller's testimony and is a capital structure and weighted cost of capital that properly matches the Company rate base in the attrition year with the capital components that will fund the attrition year rate base. The Company is providing the capital structure components and weighted cost of debt and preferred for TAWC forecasted for April 2011 identified as TN-CAPD-01-PART II- Q5-ATTACHMENT

Tennessee American Water
Capital Structure & WACC
at April 30, 2011 (Forecasted)

Response to TN-CAPD-01-PART II-Q5

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

Line No.	Class of Capital	Reference	Amount	Percent of Total	Cost Rate	Weighted Cost of Capital
1						
2						
3	Long-term Debt	Schedule 2	\$62,088,284	52.26%	6.19%	3.235%
4						
5	Short-term Debt		2,747,129	2.31%	1.90%	0.044%
6						
7	Preferred Equity	Schedule 3	1,381,600	1.16%	5.00%	0.058%
8						
9						
10	Common Stock		52,600,985	44.27%	11.50%	5.091%
11						
12						
13	Total Capitalization		118,817,998	100.00%		8.428%
14						
15						
16						
17						
18	Total Common Equity Return Proposed		11.50%			
19						

Note: ST Debt Rate and ROE equal to TAWC's proposed cost rates in filing.

TENNESSEE AMERICAN WATER COMPANY
LONG-TERM DEBT AVERAGING FOR FORECASTED PERIOD
at April 30, 2011 (Forecast)

Line No.	Debt Issue Type & Rate	13 Month Average	Cost Rate At Issue	Cost Rate @ Maturity	Forecasted Amort of Issuance Exp	Annualized Cost	Average Unamortized Issue Exp	Net Carrying Value
1								
2								
3								
4	<u>GENERAL MORTGAGE BONDS</u>							
5	Series 9.25%	2,500,000	9.250%	9.310%	1,511	232,750	12,971	2,487,029
6	Series 7.84%	5,700,000	7.840%	7.880%	2,262	449,160	34,689	5,665,311
7	Series 6.87%	0	6.870%	0.000%	4,587	0	0	(0)
8	Series 5.39%	15,000,000	5.390%	5.439%	7,281	815,850	19,416	14,980,584
9	Series 5.62%	19,000,000	5.620%	5.648%	5,381	1,073,120	40,710	18,959,290
10	Series 6.00%	10,650,000	6.000%	6.119%	12,651	651,674	361,607	10,288,393
11	Proposed 6.212%	9,000,000	6.212%	6.233%	1,875	560,970	88,125	8,911,875
12								
13								
14								
15								
16								
17	Capital Lease	238,284	9.489%	9.489%	0	22,611		238,284
18								
19								
20								
21								
22								
23								
24								
25								
26								
27	TOTAL	<u>\$ 62,088,284</u>				<u>\$ 3,806,135</u>	<u>\$ 557,518</u>	<u>\$ 61,530,766</u>
28								
29								
30								
31								
32	AVERAGE COST RATE		<u>6.19%</u>					
33								
34								

TENNESSEE AMERICAN WATER COMPANY
PREFERRED STOCK AVERAGING FOR FORECASTED PERIOD
at April 30, 2011 (Forecasted)

Line No.	Debt Issue Type & Rate	13 Month Average	Cost Rate At Issue	Cost Rate @ Maturity	Forecasted Amort of Issuance Exp	Annualized Cost	Average Unamortized Issue Exp	Net Carrying Value
1								
2								
3								
4								
5	Cumulative 5% Series	1,381,600	5.000%	5.000%	0	69,080	0	1,381,600
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18	TOTAL	<u>\$ 1,381,600</u>				<u>\$ 69,080</u>	<u>\$ -</u>	<u>\$ 1,381,600</u>
19								
20								
21								
22	13 MONTH AVERAGE COST RATE		<u>5.000%</u>					
23								

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART II: QUESTIONS & REQUESTS REGARDING COST OF CAPITAL & MISCELLANEOUS

Question:

6. For each dividend on common stock paid by Tennessee American Water Company, American Water Works Company and RWE AG, from January 1, 2005, through September 30, 2010, please provide the date on which each dividend was paid, the dollar amount per share of each dividend payment and the share price on the date of the dividend payment.

Response:

The Company objects to this question on the grounds that the information is not relevant to this proceeding and TAWC and American Water Works Company (“AWWC”) do not have possession of or access to RWE information now that RWE has fully divested itself of the common stock of AWWC. The Company objects in part to this question on the grounds the information is not relevant to this proceeding (as to information from 1999 forward), is not in the possession or readily available to the Company in the format requested and would be unduly burdensome and costly to generate.

Without waiving these objections, AWWC’s dividends are determined by the Board of Directors each quarter. See the attached document labeled as TN-CAPD-01-PART II-Q6-ATTACHMENT which recaps dividends on common stock for AWW from 2005-2009. The 2010 information can be found in the SEC form 10-Q’s filed with the SEC at either the SEC website or at the AWW website, “www.amwater.com”.

The dividend policy of TAWC is to pay 75% of net income as common dividends on a cumulative basis for each fiscal year ending the third quarter of each year. This policy

has been in place for many years and is expected to continue through 2010/2011. The attachment referenced above also includes a schedule that recaps the TAWC common stock dividends from 2005 through September 30, 2010. TAWC common stock is not publicly traded and there is no market share price for TAWC.

AMERICAN WATER WORKS COMPANY
DETAIL OF EQUITY AND/OR DEBT CAPITAL

COMMON STOCK AUTHORIZED

JAN. 1, 2003 500,000 Shares Par Value \$0.01

	(ITEM 2) COMMON STOCK ISSUED		(ITEM 2) COMMON STOCK OUTSTANDING		(ITEM 3) COMMON STOCK DIVIDENDS PAID		(ITEM 4) COMMON STOCK MARKET PRICES		(ITEM 6) COMMON STOCKHOLDERS EQUITY PER SHARE		(ITEM 7) NET INCOME APPLICABLE TO COMMON STOCK	
	SHARES (000)	PROCEEDS (000)	SHARES (000)	AMOUNT (000)	AMOUNT (000)	PER SHARE	HIGH	LOW	AMOUNT (000)	AMOUNT (000)	AMOUNT (000)	PER AVERAGE SHARE
2005	1ST QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	N/A	N/A	N/A
	2ND QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	N/A	N/A	N/A
	3RD QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	N/A	N/A	N/A
	4TH QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	N/A	N/A	N/A
	TOTAL					0	0.00			2,804,716	(325,040)	(2.03)
2006	1ST QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	2,810,072	5,145	0.03
	2ND QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	2,835,001	24,713	0.15
	3RD QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	2,878,399	43,186	0.27
	4TH QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	3,817,397	(235,287)	(1.47)
	TOTAL					0	0.00			162,243	(162,243)	(1.01)
2007	1ST QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	4,469,887	2,685	0.02
	2ND QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	4,520,149	49,178	0.31
	3RD QUARTER	0	0	160,000	160,000	0	0.00	N/A	N/A	4,510,568	(160,117)	(1.00)
	4TH QUARTER	0	0	160,000	1,500	0	0.00	N/A	N/A	4,542,046	(234,572)	(1.47)
	TOTAL					0	0.00			(342,826)	(342,826)	(2.14)
2008	1ST QUARTER	0	0	160,000	1,600	0	0.00	N/A	N/A	3,809,423	23.81	(4.58)
	2ND QUARTER	0	0	160,000	1,600	0	0.00	23.37	23.60	4,102,902	25.64	0.28
	3RD QUARTER	0	0	160,000	1,600	31,922	0.20	22.95	18.63	4,162,357	26.01	0.55
	4TH QUARTER	0	0	160,000	1,600	31,997	0.20	22.16	17.16	4,102,001	25.64	0.23
	TOTAL					63,919	0.40			(562,421)	(562,421)	(3.52)
2009	1ST QUARTER	31	526	160,031	1,600	32,000	0.20	21.48	16.53	3,660,341	22.87	(2.58)
	2ND QUARTER	14,531	242,785	174,562	1,746	32,006	0.20	19.26	16.80	3,928,206	22.50	0.32
	3RD QUARTER	38	573	174,600	1,746	36,658	0.21	20.48	18.28	3,987,252	22.84	0.52
	4TH QUARTER	30	506	174,630	1,746	36,337	0.21	22.68	18.97	4,000,859	22.91	0.21
	TOTAL					137,001	0.82			(233,083)	(233,083)	(1.52)

Per the S-1 Filing with the SEC, the stock split of Nov. 7 2007 was reflected retroactively in the restatement of the 2005-2007 Financial Statements.

Only one public issuance of common stock (June 2009) has been made by the Company since the IPO in April 2008. Any shares sold by RWE prior to the June 2009 offering were only to the benefit of RWE

*

Tennessee American Water Company
TN-CAPD1-Q5

<u>Tear</u>	<u>Quarter</u>	<u>Date</u>	<u>Amount</u>
2005	1ST QUARTER	3/17/2005	666,648.00
	2ND QUARTER	6/23/2005	498,808.50
	3RD QUARTER	9/19/2005	642,820.75
	4TH QUARTER	12/7/2005	611,839.50
2006	1ST QUARTER		
	2ND QUARTER		
	3RD QUARTER	9/20/2006	550,169.36
	4TH QUARTER	12/22/2006	687,711.70
2007	1ST QUARTER		
	2ND QUARTER		
	3RD QUARTER	12/31/2007	412,627.02
	4TH QUARTER	12/31/2007	962,796.28
2008	1ST QUARTER	3/31/2008	412,627.02
	2ND QUARTER		
	3RD QUARTER	9/30/2008	
	4TH QUARTER	12/31/2008	
2009	1ST QUARTER	3/31/2009	
	2ND QUARTER		
	3RD QUARTER	9/30/2009	137,542.34
	4TH QUARTER	12/31/2009	825,254.04
2010	1ST QUARTER		
	2ND QUARTER		
	3RD QUARTER	9/30/2010	412,627.02
	4TH QUARTER		

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART II: QUESTIONS & REQUESTS REGARDING COST OF CAPITAL & MISCELLANEOUS

Question:

7. For all new issues of common stock since January 1, 1999, by Tennessee American Water Company, American Water Works Company, Inc., or RWE AG please provide the date of the issue, the price per share, the number of shares issued, the gross and net amounts realized from the issue, and whether the shares were sold to the public or distributed or sold internally.

Response:

The Company objects to this question on the grounds that information regarding RWE is not relevant to this proceeding and neither TAWC or American Water Works Company ("AWWC") have possession or access to RWE information now that RWE has fully divested its ownership interest in AWWC. Please see attached document labeled as TN-CAPD-01-PART II-Q7-ATTACHMENT for the information concerning AWWC common stock. TAWC common stock is not publicly traded. The Company has not issued additional common shares since 2004 (the period which the Company could readily locate) and all additional equity of TAWC has been generated by retained earnings and paid-in-capital since 2004.

American Water Works Company, Inc.
Summary of common stock issuance
For the period January 1, 1999 through September 30, 2010
(Shares & proceeds in thousands, except average proceeds per share)

	Stock Purchase Offering	Dividend Reinvestment & Stock Purchase Plan (DRIP)	ESOP/ ESPP Plan	Employee Savings Plan	Incentive Plans	Total
1999						
Shares	-	1,131	110	200	31	1,472
Proceeds	-	32,025	3,177	623	792	36,617
Average proceeds per share		\$ 28.32	\$ 28.88	\$ 3.12	\$ 25.55	\$ 24.88
2000						
Shares	-	1,418	32	65	-	1,515
Proceeds	-	32,366	671	267	-	33,304
Average proceeds per share		\$ 22.83	\$ 20.97	\$ 4.11		\$ 21.98
2001						
Shares	-	1,154	-	-	42	1,196
Proceeds	-	34,842	-	-	1,240	36,082
Average proceeds per share		\$ 30.19			\$ 29.52	\$ 30.17
2002						
Shares	-	-	-	-	75	75
Proceeds	-	-	-	-	1,586	1,586
Average proceeds per share					\$ 21.15	\$ 21.15
2003						
All outstanding common shares repurchased in Company acquisition by RWE						
2008						
RWE recapitalizes 160 million common shares for public issuance (IPO), existing shares sold to public, no proceeds to Company.						
2009						
Shares	14,500		127		3	14,630
Proceeds	242,301		2,089		-	244,390
Average proceeds per share	\$ 16.71 (a)		\$ 16.45		\$ -	\$ 16.70
2010						
Shares		40	85		105	230
Proceeds		869	1,724		1,230	3,823
Average proceeds per share		\$ 21.73	\$ 20.28		\$ 11.71	\$ 16.62

a) Gross proceeds were \$21.50 per share, actual proceeds are net of underwriter discounts and issuance costs

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART II: QUESTIONS & REQUESTS REGARDING COST OF CAPITAL & MISCELLANEOUS

Question:

8. Describe the role of RWE AG in providing funds for the financing of American Water Works Company, Inc., or its subsidiaries.

Response:

RWE has no role in providing funds for financing of AWW or its subsidiaries. RWE has fully divested its interests in AWW.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **James H. Vander Weide**

PART II: QUESTIONS & REQUESTS REGARDING COST OF CAPITAL & MISCELLANEOUS

Question:

9. Provide the historical risk premium of common stocks (S&P 500) over one-year, five-year, ten-year, and twenty-year Treasury Bonds or Bills as reported in Morningstar's *Stocks, Bonds, Bills, and Inflation, 2010 Valuation Yearbook* referenced by Dr. Vander Weide in his Direct Testimony of pages 36, 38, and 39.

Response:

Dr. Vander Weide does not reference the historical risk premium of common stocks (S&P 500) over one-year, five-year, or ten-year Treasury bonds or bills in his testimony. The historical risk premium of common stocks over 20-year Treasury bonds as reported in *2010 Ibbotson[®] SBBI[®] Stocks, Bonds, Bills, and Inflation[®] Valuation Yearbook* is 6.7 percent, as Dr. Vander Weide states on pp. 38 – 39.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **James H. Vander Weide**

PART II: QUESTIONS & REQUESTS REGARDING COST OF CAPITAL & MISCELLANEOUS

Question:

10. Provide a copy of and a citation for the source document for Dr. Vander Weide's I/B/E/S growth rates.

Response:

The I/B/E/S growth rates used in Dr. Vander Weide's studies and shown in his schedules are downloaded electronically directly from Thomson Reuters. There is no source document.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Dr. Edward L. Spitznagel, Jr.**

PART II: QUESTIONS & REQUESTS REGARDING COST OF CAPITAL & MISCELLANEOUS

Question:

11. Provide the study discussed by Dr. Spitznagel in his Direct Testimony starting with line 14, page 3, and continuing to page 4, line 24.

Response:

The information requested is included on the enclosed CD in the folder labeled as TN-CAPD-01-PART II-Q11.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 97-034
Direct Testimony
Edward L. Spitznagel, Jr.

1 **1. Q. Please state your name, business address, and employer.**

2 A. My name is Edward L. Spitznagel, Jr., and my business address is Campus Box
3 1146, One Brookings Drive, St Louis, Missouri 63130. I am employed by
4 Washington University.

5
6 **2. Q. What is your present position?**

7 A. I am Professor of Mathematics in the College of Arts and Sciences at Washington
8 University. I also hold a joint appointment in the Division of Biostatistics of the
9 Washington University School of Medicine.

10
11 **3. Q. Please review your educational background and work experience.**

12 A. I hold a Bachelor of Science, summa cum laude, in mathematics, awarded in 1962
13 by Xavier University, Cincinnati, Ohio. I hold a Master of Science (1963) and
14 Ph.D. (1965) in mathematics awarded by the University of Chicago. I have served
15 on the Faculty of Arts and Sciences of Washington University since 1969. I have
16 held a joint appointment in the Division of Biostatistics since 1978. From 1965
17 to 1969 I was on the faculty of Northwestern University.

18 Attached to my rebuttal testimony is Appendix A, which provides a more detailed
19 listing of my education and qualifications in the area of mathematics and statistics.

20 **4. Q. What is the purpose of your testimony in this case?**

21 A. I have been employed by Kentucky-American Water Company to make
22 weather-normalized predictions of water utilization for the period October 1997 to
23 September 1998.

1 **5. Q. What is weather normalization?**

2 A. From one year to the next, variations in temperature and precipitation lead to
3 changes in water consumption. More water will generally be used during hotter,
4 drier periods. The regulatory question is how to reflect those weather-related
5 differences when setting rates.

6 For ratemaking purposes, revenues need to be set at as "normal" a level as possible,
7 factoring out the potential or actual results of unusual weather conditions. This can
8 be accomplished by building statistical models that predict water utilization from
9 meteorological data and other possible predictors. An estimate of future utilization
10 can then be made by using a long-term average of meteorological data (since there
11 is no better way to forecast next year's weather than as an average) and known
12 values of the other predictors.

13
14 **6. Q. What are examples of these other, non-meteorological predictors?**

15 A. One is the year itself. Due to gradual introduction of water-conserving plumbing
16 fixtures and appliances, residential use of water appears to be gradually declining
17 over time.

18 Another is the month of the year. While water utilization increases during the
19 warmer, drier summer months, analysis of variance shows that month as a
20 categorical variable is a powerful predictor even after temperature and moisture
21 have been included in the model.

22
23 **7. Q. How does one go about developing a model for water utilization?**

24 A. The first step is to identify potential predictors, including various transforms of the
25 basic measures. For example, mean temperature is one way to measure warmth, but
26 cooling degree days is another. Mean precipitation is one way to measure moisture,
27 but soil moisture and drought indices are other ways to measure moisture.

1 A problem arises in choosing the best set of predictors because there is only a
2 limited amount of recent utilization data available from any single water company's
3 records. Predictors that look strong may in fact be selected by accident if there are
4 a large number of candidates.

5
6 **8. Q. Can this accidental selection be avoided?**

7 A. Since Kentucky-American is one of many water companies affiliated with
8 American Water Works Service Company, I was able to obtain utilization data from
9 a total of sixteen operating locations in five states, Kentucky, Missouri, Ohio,
10 Tennessee, and Virginia.

11 I used as candidate predictors only those variables that had correlated strongly with
12 utilization for most or all of these operating companies.

13 **9. Q. What were some predictors that met this criterion?**

14 A. For heat, both mean temperature and cooling degree days correlated strongly with
15 utilization. For moisture, the Palmer Drought Severity Index plus related indices
16 and modifications correlated strongly with utilization. Rainfall and the soil
17 moisture index used in Missouri rate cases did not correlate nearly as well.

18 **10. Q. What steps did you follow in building a predictive model from the variables**
19 **that survived?**

20 A. In preliminary explorations, I had found that even in the presence of heat and
21 moisture variables, calendar month added very substantially to the predictive power
22 of the model.

23
24 I therefore included month as a categorical predictor in a general linear model. I
25 then added the drought severity index, temperature, and the calendar year as
26 potential numeric predictors. At this point, I found that temperature was not a

1 useful predictor given that the models already contained month as a categorical
2 variable. Consequently, I did not use temperature as a predictor variable. Statistical
3 significance of drought severity index and calendar year depended on customer
4 class. For each customer class, these variables were retained if they had statistical
5 significance.

6 Since these analyses were performed for the 120 months over the ten year period
7 1987-1998, there was some degree of serial correlation. To make sure it was not
8 affecting the statistical significance of the results, I reran the models using a
9 specialized procedure that accounts for serial correlation. Although individual
10 p-values changed, some in each direction, the overall conclusions remained the
11 same.

12 **11. Q. What were the overall conclusions?**

13 A. In addition to month as a categorical variable, the following variables predicted
14 utilization, for the various customer classes:

15 Residential quarterly: Drought index and year

16 Commercial quarterly: Drought index and year

17 Commercial monthly: Drought index

18 Industrial monthly: Year

19 OPA quarterly: Neither variable

20 OPA monthly: Drought index

21 OWU monthly: Neither variable

22 **12. Q. How did you use these variables as predictors?**

23 A. There was sufficient evidence that the predictive power of the drought index varied
24 as a function of month, being strongest in the summer months and virtually
25 non-predictive in January through April.

1 I therefore elected to predict monthly or quarterly utilization by fitting separate
2 regression models for each month of the year, then combined projections from
3 these twelve models into an annual projection. For May through December, I used
4 drought index and included year (time trend) according to the results listed in the
5 answer to Question 11, for residential quarterly and commercial quarterly
6 customers. For January through April, I did not use drought index due to its lack
7 of predictive power. I did include year for residential quarterly and commercial
8 customers.

9 I made these projections for each of the four customer classes whose utilization had
10 proved to be sensitive to weather, namely, residential, both commercial classes, and
11 OPA monthly. The estimated monthly models for the four customer classes are
12 given in Exhibit ELS-1, Schedule 13.

13 **13. Q. Would not December be a winter month, and therefore insensitive to weather?**

14 A. For residential quarterly-billed utilization, drought index was predictive in
15 December, with a two-sided p-value of 0.009, which is quite strong. I believe the
16 explanation lies in the fact that the quarterly billing for December covers
17 utilization as far back as October.

18 For consistency, I then included weather in December models for the other three
19 customer classes as well. No bias results from including a non-predictor, while
20 there is potential bias from excluding predictors that do not meet a formal statistical
21 significance criterion.

22 **14. Q. Once you had estimated the coefficients in these monthly models, how did you**
23 **project utilization for October 1997 through September 1998?**

24 A. I put the coefficients from the monthly regressions into Excel spreadsheets, one for
25 each customer class. I then calculated the mean drought index for each month over

1 the 30 years from 1967 to 1996. For residential customers, I used a modification
2 of the drought index that fit better than the straight index. For the other three
3 classes, I used the drought index with no change, as it gave the best fit. These
4 spreadsheets are given in Exhibit ELS-1, Schedule 15.

5 **15. Q. What modification did you make for the residential customers?**

6 A. Since residential customers are billed only every three months, I compared the
7 predictive power of lagged (previous months') indices with the index in the month
8 of billing. The best predictor turned out to be the index lagged by one month. I
9 checked to see if using the index and lagged values together would be better still,
10 but that was not the case. The Palmer index is slow moving as a function of time,
11 so very little additional information is gained by using two or three time-adjacent
12 values.

13 The Palmer drought severity index is centered at 0, with negative values indicating
14 dry weather and positive values indicating wet weather. A value of -4 or less is
15 labeled "extreme drought," while a value of 4 or greater is labeled "extremely wet."
16 By doing diagnostic plotting, I discovered that residential customers tended to
17 increase their use of water only when the drought severity index moved below 0.

18 That is, if there was wet weather, their utilization of water did not depend on how
19 wet the weather was. I therefore created modifications of the index that were
20 truncated at -1, 0, and +1 and tested all of these plus the unchanged index as
21 predictors. The best of these predictors was the one truncated at 0.

22 Therefore, the modified drought severity index used for residential customers was
23 rounded down to 0 if positive, then lagged by one month (labeled LAG1PDS0 in
24 Exhibit ELS-1, Schedule 15, page 1). I tried lagging and truncating the Palmer
25 index for the other three weather-sensitive customer classes, but in each case the

1 unlagged, nontruncated index (PDSI in Exhibit ELS-1, Schedule 15, pages 2
2 through 4) gave the best prediction.

3 **16. Q. Having inserted the mean drought severity indices in the spreadsheets, how did**
4 **you proceed?**

5 A. I then projected an average daily utilization for each billing month. For customers
6 billed monthly, this was the number calculated from the fitted model multiplied by
7 1000, then divided by the number of days in the month.

8 For customers billed quarterly, this was the number calculated from the fitted model
9 multiplied by 1000, then divided by the number of days in that month and the
10 preceding two, to reflect the bill being for a quarter.

11 February was considered to have 28 and 1/3 days because there are three leap years
12 in the ten-year period 1987 to 1996.

13 Having obtained projected daily utilization month by month, I then made a
14 weighted average to estimate average daily utilization over a full year. The weights
15 included the number of days in the month or quarter and a typical number of
16 customers billed. I took the number of customers into account because I found that
17 the customers in the three residential billing cycles differed somewhat in mean
18 utilization.

19 To project utilization from October 1997 to September 1998, I used a weighted
20 average from those months in the case of the two monthly-billed customer classes
21 and a weighted average from November 1997 to October 1998 in the case of the
22 two quarterly-billed customer classes. The reason for the one-month shift for the
23 quarterly-billed classes is to incorporate the change to monthly billing that
24 Kentucky-American has implemented. The middle months of those quarters are

1 October 1997 through September 1998.

2 **17. Q. Did all this attention to detail have a major effect on the projections?**

3 A. No, I redid the estimates with no weighting, treating each month as having 365/12
4 days, and in all but the commercial quarterly class, the projections changed by 1/10
5 of one percent. For residential customers, this amounts to less than one quart of
6 water per household per day, out of a projected daily use of 184.82 gallons per
7 customer. For the commercial quarterly class, the projection changed by 4/10 of
8 one percent, about 2.5 gallons per customer per day, out of a projected daily use of
9 691 gallons per customer.

10 Clearly, the sensitivity to small changes in days per month and numbers of
11 customers billed in a month is very small. This means that weekends and holidays
12 shifting the day of the month on which the meters are read should have little effect
13 on the projections.

14 **18. Q. What are your projections of daily utilization under average weather for the**
15 **four weather-sensitive customer classes?**

16 A. For residential quarterly: 184.82 gallons / customer / day
17 For commercial quarterly: 691.16 gallons / customer / day
18 For commercial monthly: 7,594.34 gallons / customer / day
19 For OPA monthly: 18,176.00 gallons / customer / day

20 **19. Q. Does this conclude your testimony?**

21 A. Yes, it does.

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Born: Cincinnati, Ohio, September 4, 1941.

Education:

Xavier University, 1959-1962
Awarded Bachelor of Science Degree (Summa Cum Laude), 1962
University of Chicago, 1962-1965
Awarded Master of Science Degree, 1963
Awarded Ph.D. in Mathematics, 1965

Scholarships and Fellowships:

Xavier University, 1959-1962
Honorary Woodrow Wilson Fellow, 1962-1963
National Science Foundation Fellow, 1962-1965

Positions:

Assistant Professor of Mathematics
Northwestern University, 1965-1969
Associate Professor of Mathematics
Washington University, 1969-1980
Professor of Mathematics
Washington University, 1980-present
Joint appointment, Division of Biostatistics,
Washington University School of Medicine, 1978-present

Consulting Experience:

Litton Industries (USACDCEC, Fort Ord, CA)
Price Waterhouse (Advanced Auditing Methods, NY)
Mallinckrodt, Inc.
St. Louis County Juvenile Court
Monsanto Company
American Red Cross
Carbolite Corporation
Regional Justice Information Service
Harris-Stowe State College
Equal Employment Opportunity Commission
American Optometric Association
Petrolite Corporation
U.S. Army Atmospheric Sciences Laboratory (White Sands, NM)
St. Louis County Water Company
Gateway Medical Research, Inc.
Missouri-American Water Company
Capital City Water Company
Kentucky-American Water Company
Anheuser-Busch, Inc.
Santa Clara County Mental Health Administration (San Jose, CA)
and many law firms

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WEATHER NORMALIZATION OF WATER UTILIZATION

Report to Kentucky-American Water Company

by

Edward Spitznagel

February 24, 1997

Abstract. Combining data from three sources, I found models that predict utilization among four customer classes from climate data. Based on models fit from the last ten years of water consumption, I made projections of utilization for the period October 1997 to September 1998 based on average weather from the last 30 years.

These projections are:

For residential quarterly: 184.82 gallons / customer / day

For commercial quarterly: 691.16 gallons / customer / day

For commercial monthly: 7,594.34 gallons / customer / day

For OPA monthly: 18,176.00 gallons / customer / day

These estimates are "normalized" to average weather from the past. Depending how far the weather in the projected period deviates from average, these could be over- or underestimates of the actual future utilization. Since they are projected from average weather, there should be approximately equal chance of the projections erring on the high side as on the low side.

Data Sources. The National Oceanic and Atmospheric Administration collects weather data from stations throughout the United States. This data includes daily precipitation and daily high, low, and average temperatures. Certain variables

computed from this data are also available, such as the Palmer Drought Severity Index. In addition to obtaining climate data, I was supplied with water consumption data for 16 local operating companies affiliated with American Water Works Service Company. These companies are located in the states of Kentucky, Tennessee, Missouri, Ohio, and Virginia.

Precipitation and Temperature Data. Data for the above five states is available from a common source, the Midwest Climate Center, located in Champaign, Illinois. The Midwest Climate Center has primary responsibility for a nine-state region, but it has some information, including daily precipitation and temperature, for all states east of the Rocky Mountains. I became a subscriber in order to access the data. The most convenient access is through the World Wide Web at <http://mcc.sws.uiuc.edu>. Two pages on **Schedule 1** show the access process, including the Midwest Climate Center's home page and the Midwest Climate Information System's (MICIS) sub-page. Following those two pages is an example of a list of climate stations, for Kentucky. Lexington appears near the bottom of the sixth page, with site code 154746 and climate division code 03. According to the listing, the Lexington climate station has reported both precipitation and temperature data from 1948 to the present.

The first page on **Schedule 2** shows the screen used to request precipitation and temperature data. The results of this request are shown on the following six pages on **Schedule 2**. The symbol "T" under precipitation stands for *trace*. Since this is less than 1/100 of an inch, I recoded all such T's as 0. I downloaded files corresponding to the locations of the sixteen operating companies. To make the files self-documenting, I left the header information in each file, writing my programs to skip over the header and trailer information.

Drought Indices. In all previous weather normalization work I have done, the precipitation data needed modification to describe the effectiveness of the precipitation. For example, four inches of rain spread uniformly across a month is a quite adequate amount of moisture, while four inches of rain in a single day with the rest of the month dry is very inadequate. The Missouri Public Service Commission uses a very simple formula for available moisture. It takes into account the timing of precipitation, but it does not incorporate soil type or amount of solar radiation. I have used the Missouri formula in this project, but I have also acquired drought index data and found it to work better than precipitation and the Missouri available moisture formula.

Monthly drought index data is available by file transfer protocol (ftp) at the internet site ftp.ncdc.noaa.gov, in the directory pub/data/cirs. I have included the description of the four indices on Schedule 3. They are computed by averaging data from a number of stations within each climate division. Typically, there are about a half dozen climate divisions per state. Lexington is near the center of Kentucky Division 03. I have included a map showing the divisions within the 48 contiguous states. I have also shown the contents of the directory pub/data/cirs and the Kentucky Division 03 Palmer Drought Severity Index (PDSI) downloaded from the ftp server. Of the four indices made available on the server, PDSI, PHDI, and PMDI appeared to have about equal power to predict water utilization, while ZNDX did not work quite as well.

Water Consumption Data. This data was provided to me in the form of Lotus WK4 spreadsheets by Mr. Edward Grubb of AWWSC. I first converted it to print-image files, shown on Schedule 4. I then edited out the embedded commas and removed any data that was clearly incorrect or unusable due to change in billing frequency. I also added the data from the final three months of 1996 for Lexington. The modified data files, as used in my programs, are shown on Schedule 5. In the

course of preparing the data, I found that Joplin and St. Joseph, both with quarterly billing, did not list the number of customers billed until the year 1996. Prior to that, the total number of customers, billed and not billed, was listed for each month. Since I would only be able to use this data by making some approximations, and since I had 14 other sites to work with, I decided to exclude them from my computations.

Screening Predictors. In the weather normalization process, one builds a predictive model from recent water consumption, typically the last ten years, to reflect current attitudes toward use and conservation of water. This creates the challenge of avoiding predictors that by accident look good over that short time span at a single site. With the multiplicity of local operating companies affiliated with AWWSC, we have a unique opportunity to verify which predictors work consistently across sites. on Schedule 6, I have included SAS® programs that I used to investigate the correlations of two heat variables, mean temperature and cooling degree days, and three moisture variables, precipitation, the Missouri available moisture index, and the Palmer Drought Severity Index, with water consumption. (Prior to writing these programs, I investigated a number of other climate variables before deciding on these five as the best candidates.) These fourteen programs are basically the same, but they contain small modifications to reflect whether billing was done monthly, bimonthly, or quarterly.

In some cases, I was not able to use information because monthly and bimonthly sales were combined into a single column, making it impossible to compute consumption per customer per time. In another case, in Parkville, Missouri, a riverboat casino began operation in October 1994, driving commercial sales up dramatically. There, I used only sales from January 1987 to September 1994 for the commercial customers. For each customer type, I calculated correlations between consumption and

the five climate variables. Then, because month has such an important influence on utilization, I calculated the same correlations with eleven dummy codes used to partial out the effect of month.

I have listed the results side-by-side for comparison on **Schedule 7**. The differences between the unpartialled and partialled correlations are truly dramatic. Before accounting for month, mean temperature and cooling degree days ran neck-and-neck as the strongest predictors, with correlations as high as 0.6 and occasionally 0.7. A high correlation for any of the three moisture variables was on the order of 0.3. With month partialled out, the pattern reversed. For example, in Lexington, the correlation between mean temperature and residential quarterly consumption was 0.48 unpartialled and 0.18 partialled, while the correlation between PDSI and residential quarterly consumption was -0.36 unpartialled and -0.58 partialled.

With month accounted for, the pattern across most sites was the same as seen in Lexington, that the strongest predictor of the five climate variables was PDSI. Of the two heat variables, cooling degree days (CDD) was a stronger predictor than mean temperature.

Screening Models. I then began a process of screening multivariate predictor models. To do this, I used the SAS program shown on **Schedule 8**, which incorporates month, PDSI-by-month interaction, CDD-by-month interaction, and a variable called YEAR to represent a possible time trend in water consumption. The use of the interaction terms is to allow for the weather variables having different degrees of influence at different times of the year. (For example, January could be a very dry month, but few customers would water their lawns in January.) This program is included as the most logical step following the correlation findings on **Schedule 7**.

However, I ran many trial models in parallel to this one to make sure that I was building the best multivariate models.

The results of the multivariate models are shown on **Schedule 9**. The statistical significance probabilities are in general clear-cut, but one should still be cautious in using them. First, one should adopt some form of "Bonferroni" adjustment because of the multiplicity of tests being performed. Second, the data violates one assumption of ordinary least squares inference, namely, that of independent residuals ("errors"). The degree of departure from the independence assumption will be assessed later, on **Schedule 12**, and turns out to be not too serious. With these cautions in mind, I would use a cutoff of 0.01 rather than the more customary 0.05 in deciding what terms are appropriate in these models.

For residential quarterly and commercial quarterly, the predictive terms are MONTH, PDSI*MONTH, and YEAR. For commercial monthly and O.P.A. monthly, the predictive terms are MONTH and PDSI*MONTH. For the other three customer classes, weather variables do not appear to be useful predictors, but for industrial monthly, YEAR is a strong predictor. I took a closer look at the CDD*MONTH term for industrial monthly, where the significance probability was 0.021. The individual slope estimates did not follow any regular pattern and often were negative, which is counterintuitive, meaning consumption decreased when heat increased. I therefore decided that use of the heat variable in a predictive model was not likely to produce reliable results.

Investigation of Transformed Moisture and Heat Variables. Of the four models in which prediction of consumption looks practical, three involve consumption billed quarterly. This suggests that use of lagged moisture and/or heat variables might result

in improved prediction, since a one-month lagged variable would be more nearly centered in the period for which consumption was measured. Alternatively, one might average these variables over the entire billing cycle. Since Kentucky-American is switching over to monthly billing for all customers, I chose to go with lagging rather than averaging. I did examine whether averaging would result in a markedly better fit and found it was about equal to the one-month lag (output not shown). I believe the reason is that PDSI is the important predictor, and it is fairly slow moving over time.

I also tried truncating PDSI above at values of -1, 0, and +1, to make it more like cooling degree days. That is, since positive values of PDSI correspond to a surplus of moisture, one might not expect any difference in lawn watering behavior above a certain point on the scale. I looked at a total of eight combinations of lagged and unlagged by truncated at -1, 0, and 1 and not truncated. The code to do this is part of the program on Schedule 8. The best results for residential quarterly are shown on Schedule 10, in which the lagged, truncated-at-0 PDSI improves the fit substantially, resulting in an R^2 value of 0.94, up from 0.89 achieved with the untransformed PDSI. That is, the model explains all but six percent of the variation in consumption. No such improvement was found for commercial quarterly or O.P.A. quarterly, however. The corresponding models are also shown on Schedule 10.

Structure of the Best-Fitting Models. I re-ran the models for residential quarterly, commercial quarterly, commercial monthly, and O.P.A. monthly with the non-predictive terms removed. The code to do this is also part of the program on Schedule 8. I included an option to print the estimated model coefficients, as a guide to setting up prediction equations. The results are listed on Schedule 11. They are most clear-cut for residential quarterly, probably because this is the model with the largest R^2 , 0.93 (down slightly from 0.94, due to having removed the LAG1PDS0*CDD term).

The months of July through November show a substantial increase over the other months, with December excluded as the reference month. The months of June through December show strong sensitivity to the moisture variable LAG1PDS0. The month of May shows a tendency toward being moisture sensitive. I used these patterns as a guide to establishing the prediction methodology. Nothing from the other three models contradicted them, although the other models were not as clear-cut.

Check for Serially Correlated Error. One of the most serious difficulties in fitting models to time series data is the violation of the assumption of independence in the residual or error terms. To test for this, I used an econometrics regression procedure in SAS called AUTOREG, allowing for up to third-order serial correlation. The reason for going out to third order is due to the quarterly billing of the residential customers and part of the commercial customers. Every three months, the same customers are billed. The SAS program and its results are listed on **Schedule 12**. There is strong evidence for autocorrelation in the residential quarterly model, weak evidence in the commercial quarterly and O.P.A. monthly models, and no evidence in the commercial monthly model. Significance probabilities and coefficient estimates remain close to what they were in the ordinary least squares models, with one notable exception. The exception is for the time trend in the residential quarterly model. The coefficient changes by a moderate amount from -0.13 to -0.16, but the increase in magnitude is accompanied by a large increase in standard error, making the significance probability change from 0.0001 to 0.0114. Since the coefficient estimate did not change dramatically, I recommend leaving the term in the model.

Prediction Methodology. Prediction could be done directly from the models listed on **Schedules 11 and 12**. However, a simpler, more transparent method can be built based on what those models have told us. They have basically told us three

things. First, baseline consumption (under non-drought conditions) is dependent on month. Second, the degree to which consumption depends on moisture/drought also depends on month for most of the year. The only months in which consumption does not depend on moisture/drought are January through April. Third, for two of the four customer classes, utilization decreases over time.

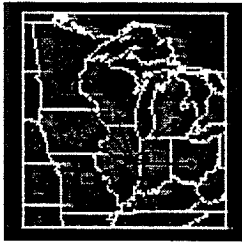
Recognizing this strong dependence on month, we can fit separate regression models for each month. For the months of January through April, there will be no term expressing dependence on moisture. For the months of May through December, there will be a moisture term in the model, LAG1PDS0 for residential quarterly customers and PDSI for the other three customer classes. For residential quarterly and commercial quarterly, there will also be a time variable. To make the intercept of these models have meaning, I baselined the time variable, defining it to be YEARS - 1987. No rules for exclusion based on statistical significance should be employed in these models, as any such rule would tend to bias the effect estimates toward larger magnitude. Since these regression models are time series with one year gaps between data values, there should be no problem with serially correlated error.

The program to run these regressions and the results from the program are on Schedule 13.

Projecting Future Utilization. To make a weather-normalized projection, all we need to do is obtain average values of the unmodified and modified PDSI. The program to do so and its output are on Schedule 14. Only two columns of the output are used in the projections, PDSI and LAG1PDS0. I computed the others early in my investigations just in case I would need them.

The projections could have been made entirely within SAS, but to make them more understandable, I transferred them to Excel spreadsheets. In the spreadsheets, the models are evaluated for all months and for years 1997 through 2000. The quarterly or monthly consumption is converted to daily consumption in gallons per customer per day. These are then averaged using numbers of customers and days in a month as weights to produce annual projections (mostly for a demonstration of the time trend in the first two customer classes) and the "bottom line" estimate, average per-customer daily utilization from October 1997 to September 1998. For commercial monthly and O.P.A. monthly I used a weighed average from those months, while for residential quarterly and commercial quarterly, I used a weighted average from billing months November 1997 to October 1998, since these billing cycles (fictional now that all customers are being billed monthly) are centered on October 1997 to September 1998.

I had some concern about sensitivity to the weighting assumptions, so I reran the spreadsheets with no weights and every month containing $365/12 = 30.4167$ days. I found that three estimates changed by 0.1%, and one, commercial quarterly, changed by 0.4%. These changes are very small, suggesting that any minor deviations from exact day-of-the-month meter reading should not have any major influence on the projections.



MIDWESTERN CLIMATE CENTER

Exhibit ELS-1
Schedule 1
Page 1 of 13

The Midwestern Climate Center is a cooperative program of the U.S. National Weather Service and the Illinois State Water Survey in Champaign, IL.

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Overview of the Midwestern Climate Center (MCC)

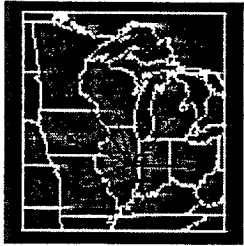
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- [Other Regional Climate Centers](#)
- [National Climatic Data Center](#)
- [NWS Offices in the Central Region](#)
- [Sunrise and Sunset Times](#)
- [Weekly Weather and Crop Bulletin](#) (includes a map of the first Fall freeze for the US)

User Feedback

Jim Angel, angel@mcc.sws.uiuc.edu
Last Modified January 31, 1997



Midwestern Climate Information System (MICIS)

- Web Version of MICIS (Limited to MICIS Subscribers Only)
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- Near Real-Time Stations Used by MICIS
- Partial Inventory of Climate Stations Used by MICIS

The Midwestern Climate Center disseminates climate information primarily through MICIS. This interactive, computer-based data source provides economically and environmentally important climate information in a timely, easy-to-access manner. The MICIS system can be accessed through this homepage site, by telnet, or directly by modem.

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MICIS is a subscription-based service available to individuals, businesses, and public and private organizations and agencies. Several user options are available. Subscription rates and options are outlined in a brochure. Typical usage runs from \$5 to \$80 per month. For more information, call (217) 244-8226 or write:

Midwestern Climate Center
2204 Griffith Drive
Champaign, IL 61820



[Back to the homepage](#)

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Last Modified January 31, 1997

Site	cd	Name	Lat (deg,	Long '=min)	Period of Record Precip	Temp
150012	02	ABERDEEN	37 13'	86 40'	1978-1997	0- 0
150031	02	ADDISON DAM 45	37 55'	86 34'	1932-1971	1960-1971
150043	02	ADOLPHUS 1 E	36 37'	86 15'	1948-1985	0- 0
150063	02	ALBANY 4 N	36 45'	85 07'	1951-1996	0- 0
150095	04	ALLEN	37 35'	82 43'	1948-1977	0- 0
150155	02	ANCHORAGE	38 16'	85 31'	1948-1982	1948-1982
150185	01	APEX 2 NE	37 07'	87 19'	1957-1960	0- 0
150214	01	ARLINGTON 3 N	36 49'	89 00'	1964-1964	1964-1964
150246	04	ASHCAMP	37 16'	82 25'	1948-1957	0- 0
150254	04	ASHLAND DAM 29	38 27'	82 37'	1932-1996	1932-1996
150261	04	ASHLAND FLOOD WALL	38 28'	82 37'	1995-1995	0- 0
150268	04	ASHLAND STATE POLICE	38 25'	82 40'	1983-1996	0- 0
150381	04	BARBOURVILLE WATER WORK	36 52'	83 52'	1948-1996	1950-1996
150389	02	BARDSTOWN	37 47'	85 28'	1948-1950	0- 0
150397	02	BARDSTOWN 5 E	37 49'	85 22'	1950-1997	1950-1997
150402	01	BARDWELL 2 E	36 52'	88 58'	1964-1996	1964-1996
150422	02	BARREN RIVER RESERVOIR	36 54'	86 07'	1963-1997	1963-1997
150438	02	BASS 3 SW	37 19'	85 10'	1948-1949	0- 0
150450	04	BAXTER	36 50'	83 19'	1948-1997	1952-1996
150490	01	BEAVER DAM	37 25'	86 52'	1948-1996	1948-1996
150584	01	BELTON 6SW	37 05'	87 03'	1994-1996	0- 0
150595	04	BENHAM	36 57'	82 58'	1948-1986	1948-1986
150611	01	BENTON	36 50'	88 19'	1948-1951	0- 0
150615	01	BENTON 2	36 50'	88 19'	1956-1967	1956-1967
150619	03	BEREA COLLEGE	37 34'	84 18'	1948-1997	1948-1997
150624	03	BEREA	37 34'	84 18'	1948-1996	1993-1996
150630	02	BERNHEIM FOREST	37 55'	85 39'	1970-1996	1970-1996
150687	04	BIG CREEK	37 10'	83 34'	1978-1997	0- 0
150700	04	BLACKMONT	36 46'	83 31'	1980-1997	0- 0
150752	04	BLAINE	38 01'	82 49'	1956-1978	1956-1978
150770	04	BLED SOE 2 SSE	36 54'	83 19'	1957-1958	0- 0
150804	03	BLUE LICK SPRINGS	38 25'	84 01'	1978-1997	0- 0

150804 03 BLUE LICK SPRINGS	38 25'	84 01'	1978-1997	0-	0
150854 02 BONNIEVILLE 4 N	37 25'	85 54'	1956-1966	1956-1966	
150872 02 BOSTON 2	37 46'	85 41'	1994-1997	0-	0
150874 02 BOSTON 2 SW	37 46'	85 41'	1948-1951	0-	0
150875 02 BOSTON 6 SW	37 45'	85 45'	1978-1997	0-	0
150904 02 BOWLING GREEN	37 00'	86 25'	1948-1997	0-	0
150906 02 BOWLING GREEN ST POL	36 57'	86 28'	1981-1997	0-	0
150907 02 BOWLING GREEN SUBSTN	37 01'	86 25'	1949-1962	0-	0
150909 02 BOWLING GREEN FAA AP	36 58'	86 25'	1932-1997	1932-1997	
150940 02 BRADFORDSVILLE	37 28'	85 09'	1962-1996	1962-1996	
150978 03 BRENT DAM 36	39 02'	84 25'	1948-1963	0-	0
151046 02 BROWNSVILLE LOCK 6	37 12'	86 16'	1948-1961	0-	0
151047 02 BROWNSVILLE	37 12'	86 16'	1961-1989	0-	0
151080 04 BUCKHORN	37 20'	83 22'	1961-1997	1964-1997	
151090 01 BUFORD	37 34'	87 58'	1989-1997	0-	0
151119 04 JENKINS	37 12'	82 35'	1951-1952	0-	0
151120 04 BURDINE 2 NE	37 13'	82 34'	1952-1996	0-	0
151127 03 BURGIN DIX DAM	37 47'	84 43'	1948-1953	1948-1953	
151137 02 BURKESVILLE 2 W	36 46'	85 24'	1951-1996	0-	0
151156 03 BURNSIDE	36 58'	84 37'	1932-1953	0-	0
151194 03 CADDO *	38 45'	84 15'	1901-1902	0-	0
151206 01 CADIZ LOCK E	36 46'	87 58'	1948-1965	0-	0
151210 01 CADIZ	36 52'	87 49'	1981-1997	0-	0
151226 01 CALHOUN	37 31'	87 16'	1993-1994	0-	0
151227 01 CALHOUN LOCK 2	37 31'	87 16'	1956-1997	1979-1979	
151256 02 CAMPBELLSVILLE 2 SSW	37 19'	85 22'	1948-1991	1948-1991	
151294 02 CANEYVILLE 1 W	37 25'	86 31'	1957-1997	1971-1971	
151306 01 CANTON 2 SE	36 46'	87 56'	1978-1996	0-	0
151318 04 CARR FORK LAKE	37 13'	83 01'	1981-1997	1996-1997	
151340 03 CARROLLTON	38 40'	85 10'	1950-1950	1950-1950	
151345 03 CARROLLTON LOCK 1	38 39'	85 09'	1932-1997	1951-1996	
151391 02 CAVE CITY 4 E	37 05'	85 55'	1984-1997	0-	0
151406 02 CECILIA 2 SE	37 40'	85 55'	1960-1983	1960-1983	

151439 01 CENTRAL CITY 1 E	37 16'	87 07'	1948-1951	0-	0
151505 00 SMITH GROVE	37 07'	86 13'	1994-1995	0-	0
151576 04 CLAY CITY WATER WORKS	37 52'	83 55'	1955-1996	0-	0
151611 02 CLERMONT BERNHIEM FOUN	37 55'	85 40'	1948-1970	1948-1970	
151631 01 CLINTON 4 S	36 37'	88 58'	1948-1996	0-	0
151640 04 CLOSPLINT 4 ESE	36 52'	83 01'	1980-1996	0-	0
151663 01 COBB	36 58'	87 46'	1957-1997	0-	0
151704 04 COLLEGE HILL LOCK 11	37 46'	84 05'	1948-1981	0-	0
151722 02 COLUMBIA LW COLLEGE	37 05'	85 18'	1948-1957	0-	0
151725 02 COLUMBIA STATE POLICE	37 04'	85 18'	1981-1997	0-	0
151727 01 COLUMBUS	36 46'	89 07'	1978-1996	0-	0
151763 02 CONSTANTINE	37 40'	86 13'	1948-1951	0-	0
151801 04 CORBIN CAA AIRPORT	36 58'	84 07'	1948-1954	1948-1954	
151806 04 CORBIN	36 57'	84 05'	1948-1996	0-	0
151855 03 COVINGTON WSO AIRPORT	39 02'	84 40'	1948-1997	1948-1997	
151890 03 CRAB ORCHARD 6 N	37 28'	84 25'	1979-1996	1979-1996	
151900 03 CRESTWOOD 8 E	38 19'	85 20'	1987-1997	1995-1996	
151964 04 CUMBERLAND	36 58'	83 00'	1962-1984	1962-1984	
151965 04 CUMBERLAND 2	36 58'	82 58'	1978-1996	0-	0
151969 04 CUMBERLAND FALLS STATE	36 49'	84 19'	1951-1981	1981-1981	
151973 04 CUMBERLAND GAP PARK	36 35'	83 40'	1993-1996	1993-1996	
151998 03 CYNTHIANA 2	38 22'	84 18'	1932-1997	1951-1996	
152003 03 CYNTHIANA 2	38 22'	84 16'	1951-1978	1951-1978	
152040 03 DANVILLE	37 39'	84 46'	1933-1996	1933-1996	
152053 04 DAVELLA	37 46'	82 35'	1948-1951	0-	0
152072 01 DAWSON SPRINGS	37 10'	87 41'	1967-1997	0-	0
152131 04 DELPHIA	37 01'	83 04'	1948-1950	0-	0
152132 04 DELPHIA 1 E	37 01'	83 04'	1950-1964	0-	0
152139 04 DEMA	37 25'	82 48'	1948-1965	1963-1965	
152180 04 DEWEY DAM	37 43'	82 43'	1951-1971	1953-1971	
152214 03 DIX DAM	37 47'	84 43'	1953-1997	1953-1997	
152250 03 DRY RIDGE KSP POST 6	38 43'	84 34'	1984-1996	0-	0
152358 01 DUNDEE	37 32'	86 46'	1948-1997	0-	0

152358 01 DUNDEE	37 32'	86 46'	1948-1997	0-	0
152366 01 DUNMOR	37 04'	87 00'	1948-1993	0-	0
152374 02 DUNNVILLE	37 13'	84 58'	1948-1957	0-	0
152407 01 EARLINGTON	37 16'	87 31'	1948-1948	1948-1948	
152409 03 EASTERN KENTUCKY UNIV	37 45'	84 19'	1977-1996	1977-1996	
152445 01 EDDYVILLE LOCK F	37 02'	88 04'	1948-1964	0-	0
152469 02 EDMONTON 3 W	36 58'	85 39'	1948-1977	0-	0
152500 02 ELIZABETHTWN KSP PST 4	37 42'	85 52'	1982-1997	0-	0
152510 02 ELIZABETHTOWN	37 40'	85 52'	1948-1964	1955-1964	
152512 02 ELIZABETHTOWN WP 2	37 43'	85 52'	1989-1996	1989-1996	
152528 04 ELKHORN CITY	37 17'	82 20'	1951-1996	0-	0
152548 01 ELKTON 3 E	36 47'	87 05'	1958-1996	0-	0
152740 04 FALLSBURG 5 NW	38 10'	82 45'	1982-1984	1982-1984	
152770 02 FALLS OF ROUGH	37 35'	86 33'	1962-1964	1962-1964	
152775 03 FALMOUTH	38 40'	84 19'	1948-1996	1955-1996	
152791 03 FARMERS 2 S	38 07'	83 33'	1932-1997	1932-1997	
152812 04 FEDSCREEK	37 24'	82 13'	1978-1996	0-	0
152825 04 FISHTRAP RESERVOIR	37 25'	82 25'	1969-1997	0-	0
152903 03 FLEMINGSBURG 2 N	38 27'	83 43'	1948-1996	0-	0
152908 03 FLEMINGSBURG 2	38 25'	83 45'	1948-1978	1957-1978	
152953 03 FORD LOCK 10	37 54'	84 16'	1948-1996	0-	0
152961 01 FORDS FERRY DAM 50	37 28'	88 05'	1932-1980	1948-1980	
152979 01 FORDSVILLE	37 37'	86 46'	1994-1997	0-	0
153006 04 FOURMILE KY UTIL PARK	36 46'	83 45'	1962-1996	0-	0
153028 03 FRANKFORT LOCK 4	38 13'	84 52'	1948-1997	1948-1996	
153030 03 FRANKFORT STATE POLICE	38 10'	84 54'	1985-1997	0-	0
153036 01 FRANKLIN 1 E	36 43'	86 34'	1928-1996	1928-1936	
153046 04 FREEBURN 2 SW	37 32'	82 10'	1951-1989	0-	0
153052 04 FRENCHBURG 1 SW	37 57'	83 40'	1948-1996	0-	0
153078 04 FULLERS STATION	38 10'	82 37'	1993-1996	0-	0
153112 02 GAMALIEL	36 37'	85 48'	1956-1997	0-	0
153194 03 GEORGETOWN WATER WORKS	38 12'	84 33'	1948-1996	0-	0
153203 03 GEST LOCK 3	38 25'	84 52'	1948-1997	0-	0

<u>153223 01 GILBERTSVILLE KY DAM</u>	37 01'	88 16'	1967-1997	1967-1996
<u>153241 02 GLASGOW</u>	36 58'	85 54'	1948-1981	0- 0
<u>153246 02 GLASGOW WKAY</u>	37 00'	85 55'	1953-1997	1953-1997
<u>153252 02 GLENDALE</u>	37 35'	85 54'	1951-1997	0- 0
<u>153280 02 GODMAN AFB FORT KNO</u>	37 54'	85 58'	1948-1949	0- 0
<u>153295 01 GOLDEN POND 8 N</u>	36 54'	88 00'	1953-1996	1953-1996
<u>153358 03 GRANT DAM 38</u>	38 58'	84 49'	1948-1962	0- 0
<u>153382 04 GRAY HAWK</u>	37 24'	83 56'	1972-1997	1972-1996
<u>153389 04 GRAYSON 2 E</u>	38 19'	82 52'	1993-1996	1993-1996
<u>153391 04 GRAYSON 3 SW</u>	38 16'	82 58'	1948-1996	1950-1996
<u>153392 04 GRAYSON 1 SE</u>	38 17'	82 55'	1959-1969	1959-1969
<u>153398 04 GRAYSON RESERVOIR</u>	38 13'	82 58'	1969-1996	0- 0
<u>153426 01 GREEN RIVER POWER STN</u>	37 22'	87 07'	1991-1997	1991-1992
<u>153430 02 GREENSBURG</u>	37 15'	85 30'	1932-1996	1932-1996
<u>153435 02 GREENSBURG 1 E</u>	37 15'	85 30'	1948-1997	0- 0
<u>153443 04 GREENUP DAM 30</u>	38 37'	82 50'	1948-1961	0- 0
<u>153451 01 GREENVILLE 2 W</u>	37 10'	87 13'	1932-1985	1932-1985
<u>153539 01 HALEYS MILL</u>	37 02'	87 19'	1948-1951	0- 0
<u>153604 02 HARDINSBURG 2 SE</u>	37 46'	86 25'	1974-1997	1974-1997
<u>153622 04 HARLAN</u>	36 49'	83 19'	1951-1952	1951-1952
<u>153629 04 HARLAN KSP POST-10</u>	36 49'	83 19'	1982-1997	0- 0
<u>153652 01 HARTFORD 6 N</u>	37 31'	86 54'	1948-1988	0- 0
<u>153709 04 HAZARD</u>	37 15'	83 11'	1932-1951	0- 0
<u>153712 04 HAZARD STATE POLICE</u>	37 16'	83 11'	1981-1997	0- 0
<u>153714 04 HAZARD WATERWORKS</u>	37 15'	83 10'	1950-1996	0- 0
<u>153716 04 HAZEL GREEN 1 W</u>	37 47'	83 25'	1984-1996	0- 0
<u>153722 03 HEADQUARTERS</u>	38 24'	84 07'	1948-1950	1948-1950
<u>153741 04 HEIDELBERG</u>	37 32'	83 46'	1939-1997	1934-1996
<u>153762 01 HENDERSON 7 SSW</u>	37 45'	87 37'	1932-1996	1932-1996
<u>153768 01 HENDERSON STATE POLICE</u>	37 52'	87 34'	1981-1997	0- 0
<u>153798 01 HERNDON 3 SW</u>	36 43'	87 37'	1948-1996	0- 0
<u>153816 01 HICKMAN 1 E</u>	36 34'	89 10'	1950-1981	1950-1981
<u>153821 01 HICKSVILLE</u>	36 47'	88 30'	1949-1962	0- 0

<u>153821 01 HICKSVILLE</u>	36 47'	88 30'	1949-1962	0-	0
<u>153837 03 HIGH BRIDGE LOCK 7</u>	37 49'	84 43'	1948-1996	0-	0
<u>153896 04 HINDMAN 11 NNE</u>	37 27'	82 52'	1966-1975	1966-1975	
<u>153899 04 HINDMAN SETTLEMENT SC</u>	37 19'	82 58'	1948-1962	1948-1962	
<u>153929 02 HODGENVILLE-LINCOLN NP</u>	37 31'	85 43'	1948-1996	1966-1996	
<u>153994 01 HOPKINSVILLE</u>	36 49'	87 30'	1942-1997	1942-1996	
<u>153999 01 HOPKINSVILLE RADIO WHO</u>	36 50'	87 30'	1993-1994	1994-1994	
<u>154093 04 HYDEN</u>	37 10'	83 22'	1948-1996	1961-1996	
<u>154097 04 HYDEN 4 E</u>	37 07'	83 19'	1978-1994	1978-1990	
<u>154134 04 INEZ</u>	37 52'	82 31'	1951-1962	1951-1962	
<u>154138 04 INEZ 1 NW</u>	37 52'	82 33'	1990-1990	1990-1990	
<u>154165 02 IRVINGTON</u>	37 52'	86 16'	1948-1973	1948-1973	
<u>154180 04 IVEL</u>	37 34'	82 40'	1977-1997	0-	0
<u>154196 04 JACKSON</u>	37 32'	83 22'	1948-1984	1961-1984	
<u>154200 04 JACKSON # 2</u>	37 32'	83 22'	1993-1996	0-	0
<u>154202 04 JACKSON WSO</u>	37 35'	83 19'	1981-1997	1981-1997	
<u>154208 02 JAMESTOWN</u>	36 58'	85 04'	1971-1996	1971-1996	
<u>154236 04 JENKINS</u>	37 12'	82 35'	1949-1951	0-	0
<u>154241 04 JENKINS WATER WORKS</u>	37 10'	82 37'	1948-1950	0-	0
<u>154255 04 JEREMIAH 1 S</u>	37 09'	82 55'	1948-1997	0-	0
<u>154309 03 JONESVILLE 1 S</u>	38 39'	84 46'	1978-1984	0-	0
<u>154369 03 KEENE 1 SSW</u>	37 55'	84 39'	1948-1996	0-	0
<u>154414 01 KENTUCKY DAM</u>	37 01'	88 16'	1948-1962	0-	0
<u>154453 01 KUTTAWA 2 NE</u>	37 04'	88 10'	1982-1985	0-	0
<u>154595 03 LA GRANGE 2 NNW</u>	38 25'	85 22'	1956-1985	0-	0
<u>154601 03 LAGRANGE STATE POLICE</u>	38 22'	85 24'	1985-1996	0-	0
<u>154620 03 LANCASTER</u>	37 37'	84 34'	1948-1996	0-	0
<u>154642 04 LAURA</u>	37 45'	82 25'	1948-1957	0-	0
<u>154650 02 LEBANON 5 S</u>	37 31'	85 18'	1994-1997	0-	0
<u>154672 04 LEBURN 1 E</u>	37 19'	82 56'	1962-1963	1962-1963	
<u>154703 02 LEITCHFIELD 2 N</u>	37 31'	86 18'	1948-1996	1948-1996	
<u>154746 03 LEXINGTON WSO AIRPORT</u>	38 01'	84 35'	1948-1997	1948-1997	
<u>154755 02 LIBERTY</u>	37 19'	84 55'	1948-1996	1977-1977	

154784 02 CLERMONT BERNHIEM FOUN	37 55'	85 40'	1951-1952	1951-1952
154825 03 LITTLE HICKMAN LOCK 8	37 45'	84 34'	1932-1981	0- 0
154848 04 LLOYD GREENUP DAM	38 39'	82 52'	1961-1997	0- 0
154857 03 LOCKPORT LOCK 2	38 25'	84 58'	1948-1997	0- 0
154882 03 LOGCLICK 1 S	37 50'	84 01'	1948-1951	0- 0
154893 04 LONDON 5 SSE	37 02'	84 03'	1948-1951	0- 0
154898 04 LONDON FAA AIRPORT	37 04'	84 04'	1954-1997	1954-1997
154905 04 LONDON STATE POLICE	37 07'	84 05'	1981-1997	1981-1981
154943 04 LOUISA LOCK 3	38 07'	82 37'	1948-1951	0- 0
154946 04 LOUISA 2	38 07'	82 37'	1951-1996	0- 0
154949 02 LOUISVILLE	38 13'	85 46'	1955-1982	1955-1982
154951 02 LOUISVILLE BOWMAN FI	38 13'	85 40'	1948-1951	0- 0
154954 02 LOUISVILLE WSO AIRPORT	38 10'	85 43'	1948-1997	1948-1997
154955 02 LOUISVILLE UPPER GAGE	38 16'	85 48'	1948-1997	0- 0
154956 02 LOUISVILLE WB CITY	38 15'	85 46'	1948-1955	1948-1955
154967 01 LOVELACEVILLE	36 58'	88 49'	1948-1996	1948-1996
155002 02 LUCAS	36 52'	86 01'	1948-1951	0- 0
155062 01 MADISONVILLE	37 19'	87 30'	1948-1949	0- 0
155067 01 MADISONVILLE	37 20'	87 31'	1948-1996	1948-1996
155072 01 MADISONVILLE ST POLICE	37 13'	87 25'	1981-1996	0- 0
155097 02 MAMMOTH CAVE PARK	37 10'	86 04'	1948-1996	1948-1996
155110 03 MANCHESTER	37 09'	83 46'	1949-1951	1949-1951
155111 04 MANCHESTER 4 W	37 09'	83 49'	1951-1996	1951-1996
155112 04 MANCHESTER 2	37 09'	83 45'	1994-1997	0- 0
155150 01 MARION 1 NE	37 19'	88 04'	1981-1996	0- 0
155171 04 MARTIN 1 SSW	37 34'	82 45'	1960-1970	0- 0
155175 04 MARTIN 1 S	37 32'	82 46'	1981-1997	0- 0
155230 01 MAYFIELD SUB STN	36 43'	88 39'	1949-1967	1956-1967
155232 01 MAYFIELD 2 S	36 42'	88 37'	1940-1956	1940-1956
155233 01 MAYFIELD RADIO WNGO	36 46'	88 37'	1967-1996	1967-1996
155235 01 MAYFIELD STATE POLICE	36 50'	88 40'	1981-1996	0- 0
155243 03 MAYSVILLE SEWAGE PLANT	38 40'	83 46'	1948-1996	1948-1996
155291 04 MCKEE	37 25'	84 00'	1951-1971	1962-1971

<u>155301 03 MC KINNEYSBURG</u>	38 35'	84 16'	1948-1951	0-	0
<u>155370 04 META 4 SE</u>	37 31'	82 22'	1958-1993	0-	0
<u>155389 04 MIDDLESBORO</u>	36 35'	83 43'	1936-1994	1936-1994	
<u>155394 04 MIDDLESBORO SEWAGE PLAN</u>	36 37'	83 43'	1948-1951	0-	0
<u>155407 03 MIDWAY</u>	38 09'	84 40'	1948-1978	0-	0
<u>155415 01 MILBURN</u>	36 47'	88 52'	1962-1963	1962-1963	
<u>155430 03 MILLERSBURG</u>	38 17'	84 07'	1948-1985	0-	0
<u>155434 03 MILLERSBURG MILIT INST</u>	38 17'	84 09'	1950-1951	1950-1951	
<u>155438 02 MILLERSTOWN</u>	37 27'	86 03'	1948-1985	0-	0
<u>155524 04 MONTICELLO 3 NE</u>	36 52'	84 49'	1948-1996	1956-1996	
<u>155555 04 MOREHEAD 3 NW</u>	38 13'	83 28'	1948-1951	0-	0
<u>155559 04 MOREHEAD STATE POLICE</u>	38 10'	83 28'	1983-1997	0-	0
<u>155571 02 MORGANTOWN</u>	37 13'	86 40'	1948-1948	0-	0
<u>155606 03 MOUNT EDEN 6 W</u>	38 02'	85 11'	1994-1997	0-	0
<u>155640 03 MOUNT STERLING 1 NW</u>	38 04'	83 56'	1948-1997	1948-1996	
<u>155648 04 MOUNT VERNON</u>	37 20'	84 19'	1956-1996	1956-1996	
<u>155660 04 MOUSIE 1 S</u>	37 24'	82 52'	1981-1981	0-	0
<u>155684 02 MUNFORDVILLE 7 NW</u>	37 20'	85 56'	1948-1996	0-	0
<u>155694 01 MURRAY</u>	36 35'	88 18'	1948-1997	1948-1996	
<u>155714 04 NATURAL BRIDGE ST PK</u>	37 46'	83 40'	1981-1994	0-	0
<u>155834 02 NOLIN LAKE RESERVOIR</u>	37 16'	86 15'	1964-1997	1964-1997	
<u>156012 04 OLIVE HILL</u>	38 17'	83 10'	1948-1996	0-	0
<u>156020 01 OLNEY</u>	37 13'	87 46'	1948-1967	0-	0
<u>156028 04 ONEIDA</u>	37 16'	83 39'	1957-1997	0-	0
<u>156033 03 ONEONTA DAM 35</u>	38 58'	84 18'	1932-1963	0-	0
<u>156091 01 OWENSBORO 3 W</u>	37 46'	87 09'	1932-1996	1932-1996	
<u>156094 01 OWENSBORO</u>	37 45'	87 07'	1994-1996	0-	0
<u>156096 01 OWENSBORO TRTMT PLANT E</u>	37 46'	87 04'	1948-1990	0-	0
<u>156104 03 OWENTON</u>	38 31'	84 49'	1970-1984	1970-1984	
<u>156106 03 OWENTON 2 S</u>	38 31'	84 49'	1963-1970	1963-1970	
<u>156110 01 PADUCAH WSO</u>	37 04'	88 46'	1949-1997	1949-1997	
<u>156115 01 PADUCAH 5 FIRE STN</u>	37 05'	88 37'	1948-1970	1948-1970	

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<u>156117 01 PADUCAH SEWAGE PLANT</u>	37 05'	88 35'	1948-1996	1970-1996
<u>156119 01 PADUCAH</u>	37 02'	88 34'	1949-1949	0- 0
<u>156122 01 PADUCAH USE RESERVATION</u>	37 04'	88 34'	1927-1948	1937-1948
<u>156126 01 PADUCAH RIVER</u>	37 04'	88 35'	1993-1996	0- 0
<u>156136 04 PAINTSVILLE 1 E</u>	37 49'	82 46'	1933-1996	1972-1996
<u>156155 01 PARADISE STEAM PLANT</u>	37 16'	86 58'	1960-1997	1960-1964
<u>156170 03 PARIS</u>	38 12'	84 13'	1980-1997	0- 0
<u>156216 04 PHELPS 3 S</u>	37 28'	82 09'	1989-1997	0- 0
<u>156353 04 PIKEVILLE 2</u>	37 28'	82 31'	1932-1978	1948-1978
<u>156355 04 PIKEVILLE 2</u>	37 28'	82 31'	1978-1991	1978-1991
<u>156357 04 PIKEVILLE WZLK</u>	37 28'	82 31'	1994-1996	0- 0
<u>156360 04 PIKEVILLE KSP POST-9</u>	37 31'	82 34'	1982-1997	0- 0
<u>156379 04 PINE MOUNTAIN 3 NW</u>	36 58'	83 13'	1978-1997	0- 0
<u>156384 04 PINEVILLE</u>	36 46'	83 43'	1948-1997	0- 0
<u>156388 04 PINEVILLE 4NW</u>	37 46'	83 45'	1969-1979	0- 0
<u>156435 03 PLEASUREVILLE 2 S</u>	38 19'	85 07'	1948-1950	0- 0
<u>156575 01 PRINCETON</u>	37 05'	87 52'	1948-1965	1948-1965
<u>156580 01 PRINCETON EXP STN</u>	37 07'	87 52'	1965-1996	1965-1996
<u>156595 01 PROVIDENCE</u>	37 24'	87 46'	1979-1997	1979-1997
<u>156624 04 QUICKSAND</u>	37 31'	83 22'	1948-1996	1993-1996
<u>156679 04 RAVENNA LOCK 12</u>	37 40'	83 56'	1948-1981	1970-1970
<u>156691 02 RAYWICK</u>	37 32'	85 25'	1948-1949	0- 0
<u>156728 04 RELIEF</u>	37 57'	83 00'	1978-1996	0- 0
<u>156748 04 RENFRO VALLEY</u>	37 22'	84 19'	1961-1962	1961-1962
<u>156805 03 RICHMOND EASTERN STATE</u>	37 43'	84 18'	1948-1977	1948-1977
<u>156810 03 RICHMOND STATE POLICE</u>	37 43'	84 18'	1981-1996	0- 0
<u>156882 01 ROCHESTER FERRY</u>	37 13'	86 54'	1954-1997	1964-1997
<u>156988 02 ROUGH RIVER DAM</u>	37 37'	86 30'	1964-1996	1964-1996
<u>157039 01 RUMSEY LOCK 2</u>	37 31'	87 16'	1948-1956	0- 0
<u>157049 01 RUSSELLVILLE</u>	36 50'	86 52'	1948-1996	1948-1996
<u>157054 01 RUSSELLVILLE SUB STN</u>	36 49'	86 54'	1949-1962	0- 0
<u>157074 03 SADIEVILLE WATER WORKS</u>	38 22'	84 33'	1948-1951	0- 0
<u>157091 02 ST JOHN BETHLEHEM ACA</u>	37 42'	85 58'	1932-1959	1932-1959

<u>157096 02 ST MARY 2 SE</u>	37 34'	85 20'	1949-1951	0-	0
<u>157121 03 SALVISA LOCK 6</u>	37 55'	84 49'	1948-1981	0-	0
<u>157129 04 SALYERSVILLE 1 W</u>	37 45'	83 04'	1948-1951	0-	0
<u>157134 04 SALYERSVILLE</u>	37 45'	83 04'	1952-1996	0-	0
<u>157161 04 SANDY HOOK 4 SW</u>	38 04'	83 10'	1978-1996	0-	0
<u>157202 02 SCIENCE HILL</u>	37 10'	84 39'	1948-1950	1948-1950	
<u>157210 04 SAXTON</u>	36 37'	84 07'	1996-1996	0-	0
<u>157215 02 SCOTTSVILLE</u>	36 43'	86 13'	1948-1997	1948-1996	
<u>157220 02 SCOTTSVILLE 2 SW</u>	36 43'	86 13'	1959-1983	0-	0
<u>157234 01 SEBREE 1 E</u>	37 35'	87 31'	1948-1996	0-	0
<u>157311 01 SHAWNEE STEAM PLANT</u>	37 09'	88 46'	1951-1962	0-	0
<u>157324 03 SHELBYVILLE 1 E</u>	38 12'	85 11'	1936-1997	1936-1996	
<u>157334 02 SHEPHERDSVILLE</u>	38 00'	85 41'	1948-1996	1950-1951	
<u>157431 04 SKYLINE 1 SE</u>	37 04'	82 58'	1975-1997	0-	0
<u>157441 04 SLADE 5 NE</u>	37 50'	83 40'	1984-1997	0-	0
<u>157473 03 SMITHFIELD 4 S</u>	38 19'	85 18'	1948-1951	0-	0
<u>157507 02 SOMERSET HIGHWAY DEPT</u>	37 07'	84 34'	1948-1951	0-	0
<u>157508 04 SOMERSET 2 NE</u>	37 07'	84 35'	1963-1996	0-	0
<u>157510 04 SOMERSET 2 N</u>	37 07'	84 37'	1950-1996	1950-1996	
<u>157604 03 SPRINGFIELD</u>	37 40'	85 13'	1948-1996	0-	0
<u>157648 03 STANFORD</u>	37 31'	84 40'	1980-1996	0-	0
<u>157677 04 STEARNS 2 S</u>	36 40'	84 28'	1948-1996	1961-1996	
<u>157680 04 STEARNS 1 W</u>	36 42'	84 28'	1970-1980	1970-1980	
<u>157711 04 STILLWATER</u>	37 45'	83 28'	1948-1949	0-	0
<u>157800 02 SUMMER SHADE</u>	36 52'	85 43'	1950-1996	1950-1996	
<u>157805 02 SUMMER SHADE SUB STN</u>	36 52'	85 40'	1949-1962	0-	0
<u>157924 02 TATHAM SPRINGS</u>	37 52'	85 09'	1948-1951	0-	0
<u>157946 03 TAYLORSVILLE NO 2</u>	38 01'	85 20'	1994-1997	0-	0
<u>157948 03 TAYLORSVILLE</u>	38 01'	85 20'	1948-1997	0-	0
<u>157950 03 TAYLORSVILLE</u>	38 01'	85 19'	1994-1997	1994-1997	
<u>157955 04 TOMAHAWK 1 WSW</u>	37 52'	82 37'	1963-1964	1963-1964	
<u>158019 04 TILFORD DELPHIA</u>	37 01'	83 04'	1964-1974	0-	0

158055 04 TOMAHAWK 1 WSW	37 52'	82 37'	1965-1985	1965-1985
158060 02 TOMPKINSVILLE	36 46'	85 40'	1948-1951	0- 0
158065 02 TOMPKINSVILLE TELE OFFI	36 42'	85 40'	1948-1956	0- 0
158070 02 TOMPKINSVILLE 9 NW	36 49'	85 43'	1981-1997	0- 0
158144 01 TURKEY CREEK SCHOOL	36 45'	88 04'	1949-1962	0- 0
158179 03 TYRONE LOCK 5	38 01'	84 50'	1948-1981	0- 0
158197 01 UNIONTOWN DAM 49	37 46'	87 56'	1948-1974	1971-1971
158246 03 VALLEY VIEW LOCK 9	37 50'	84 26'	1948-1981	0- 0
158250 03 VANBUREN	37 58'	85 10'	1951-1967	0- 0
158254 04 VANCEBURG	38 35'	83 19'	1950-1951	1950-1951
158259 04 VANCEBURG	38 34'	83 19'	1932-1981	1952-1981
158348 04 VIRGIE	37 19'	82 34'	1978-1996	0- 0
158446 03 WARSAW MARKLAND DAM	38 46'	84 58'	1959-1997	1959-1996
158482 04 WAYLAND 1 S	37 25'	82 48'	1965-1965	1965-1965
158486 03 WAYNESBURG 7 NE	37 25'	84 35'	1948-1996	1962-1991
158519 04 WEBBVILLE 6 SE	38 05'	82 49'	1980-1980	1980-1980
158551 04 WEST LIBERTY	37 55'	83 16'	1948-1996	1948-1996
158567 03 WESTPORT	38 28'	85 28'	1950-1956	0- 0
158610 04 WHEELERSBURG	37 49'	83 01'	1978-1996	0- 0
158633 04 WHITESBURG	37 07'	82 49'	1993-1997	0- 0
158706 04 WILLIAMSBURG	36 43'	84 10'	1948-1957	1948-1957
158709 04 WILLIAMSBURG	36 43'	84 10'	1957-1997	1957-1996
158714 03 WILLIAMSTOWN 5 WSW	38 39'	84 37'	1948-1996	1948-1996
158719 03 WILLISBURG 4 N	37 52'	85 07'	1994-1995	0- 0
158724 04 WILLOW LOCK 13	37 35'	83 49'	1948-1981	0- 0
158807 02 WOLF CREEK DAM	36 52'	85 09'	1948-1970	1948-1970
158824 02 WOODBURY	37 10'	86 37'	1948-1997	0- 0
159151 02 YOSEMITE	37 19'	84 49'	1995-1996	0- 0

Daily Climate Data between Two Dates

Exhibit ELS-1

Schedule 2

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(Results will appear at the bottom of this page)

Your station is (154746) LEXINGTON_WSO_AIRPORT, KY

Choose the *beginning* Year

1997
1996
1995
1994

 Month

1
2
3
4

 Day

1
2
3
4

Choose the *ending* Year

1997
1996
1995
1994

 Month

1
2
3
4

 Day

1
2
3
4

Choose from the following elements

- ☒ Precipitation
- ☒ Low Temperature
- ☒ High Temperature
- ☐ Snowfall
- ☐ Snow Depth
- ☒ Mean Temperature
- ☐ Observation Time
- ☐ Data Source

You can choose ONE of the following elements

- ☐ Heating Degree Days (Base 65F)
- ☐ Cooling Degree Days (Base 65F)
- ☐ Growing Degree Days (Base 50F)
- ☐ Modified Growing Degree Days (Base 50F, Ceiling 86F)
- ☐ Modified Degree Days (If Low < Base, Reset to Base, Base 50F)
- ☒ No Degree Days

Do you want missing temperatures estimated? ☒ No ☐ Yes

Do you want comma-delimited output, suitable for spreadsheets? ☒ No ☐ Yes

Get Climate Data

Results

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From the Midwestern Climate Center

Exhibit ELS-1

Schedule 2

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STATION: LEXINGTON_WSO_AIRPORT, KY (Station ID: 154746)

Year	Mo	Dy	Precip- itation (in)	Low (F)	High (F)	Mean (F)
1996	01	01	0.01	37	48	43
1996	01	02	0.55	30	42	36
1996	01	03	0.06	16	31	24
1996	01	04	T	20	30	25
1996	01	05	0.04	23	29	26
1996	01	06	0.42	19	23	21
1996	01	07	0.38	15	19	17
1996	01	08	T	4	18	11
1996	01	09	T	15	34	25
1996	01	10	0.00	19	33	26
1996	01	11	0.26	22	36	29
1996	01	12	0.11	22	32	27
1996	01	13	0.00	25	35	30
1996	01	14	0.00	29	51	40
1996	01	15	0.00	29	46	38
1996	01	16	T	30	51	41
1996	01	17	T	50	61	56
1996	01	18	0.87	32	69	51
1996	01	19	0.01	9	34	22
1996	01	20	0.00	9	28	19
1996	01	21	T	26	40	33
1996	01	22	0.00	26	47	37
1996	01	23	1.29	38	47	43
1996	01	24	0.46	19	49	34
1996	01	25	0.00	15	38	27
1996	01	26	0.01	30	50	40
1996	01	27	0.04	21	49	35
1996	01	28	0.00	15	37	26
1996	01	29	0.00	32	48	40
1996	01	30	T	20	33	27
1996	01	31	T	13	23	18
1996	02	01	0.07	12	19	16
1996	02	02	0.02	4	16	10
1996	02	03	0.00	-2	11	5
1996	02	04	0.00	-10	8	-1
1996	02	05	0.00	-4	22	9
1996	02	06	0.00	12	31	22
1996	02	07	T	26	41	34
1996	02	08	0.20	40	50	45
1996	02	09	0.00	36	52	44
1996	02	10	0.00	36	66	51
1996	02	11	0.02	27	51	39
1996	02	12	0.07	25	32	29
1996	02	13	T	21	47	34
1996	02	14	0.01	35	49	42
1996	02	15	T	27	36	32
1996	02	16	T	18	30	24
1996	02	17	T	14	35	25
1996	02	18	T	17	36	27
1996	02	19	0.48	31	47	39
1996	02	20	0.41	45	57	51
1996	02	21	0.00	45	62	54
1996	02	22	0.05	45	61	53
1996	02	23	0.00	50	80	65
1996	02	24	0.00	37	61	49
1996	02	25	0.00	40	65	53
1996	02	26	T	57	68	63

1996 02 27	0.50	54	73	64
1996 02 28	T	21	54	38
1996 02 29	0.03	18	31	25
1996 03 01	0.00	19	39	29
1996 03 02	0.03	26	45	36
1996 03 03	T	13	29	21
1996 03 04	0.00	18	55	37
1996 03 05	0.72	50	58	54
1996 03 06	0.93	33	61	47
1996 03 07	0.29	16	33	25
1996 03 08	T	10	17	14
1996 03 09	T	11	23	17
1996 03 10	0.00	14	38	26
1996 03 11	0.00	21	48	35
1996 03 12	0.00	25	54	40
1996 03 13	0.00	35	64	50
1996 03 14	0.00	47	69	58
1996 03 15	0.34	45	61	53
1996 03 16	0.55	35	51	43
1996 03 17	0.00	42	54	48
1996 03 18	0.00	33	53	43
1996 03 19	0.49	32	44	38
1996 03 20	0.08	28	32	30
1996 03 21	0.01	25	31	28
1996 03 22	0.00	22	40	31
1996 03 23	T	26	51	39
1996 03 24	0.00	40	70	55
1996 03 25	0.22	30	62	46
1996 03 26	0.00	24	40	32
1996 03 27	T	23	50	37
1996 03 28	0.47	37	49	43
1996 03 29	0.01	45	51	48
1996 03 30	0.00	46	63	55
1996 03 31	0.48	52	64	58
1996 04 01	0.44	32	52	42
1996 04 02	0.00	27	55	41
1996 04 03	0.00	40	73	57
1996 04 04	0.15	37	69	53
1996 04 05	T	33	37	35
1996 04 06	0.00	28	46	37
1996 04 07	0.00	23	47	35
1996 04 08	0.00	33	43	38
1996 04 09	0.00	25	40	33
1996 04 10	0.00	26	56	41
1996 04 11	0.00	36	71	54
1996 04 12	0.00	57	79	68
1996 04 13	0.13	47	64	56
1996 04 14	0.00	42	57	50
1996 04 15	0.43	37	65	51
1996 04 16	0.04	37	54	46
1996 04 17	0.00	30	64	47
1996 04 18	T	49	77	63
1996 04 19	0.00	58	75	67
1996 04 20	1.16	57	70	64
1996 04 21	T	52	71	62
1996 04 22	0.28	58	76	67
1996 04 23	0.86	39	65	52
1996 04 24	0.00	32	63	48
1996 04 25	0.02	51	75	63
1996 04 26	0.23	38	63	51
1996 04 27	T	32	59	46
1996 04 28	0.04	44	62	53
1996 04 29	1.02	51	77	64
1996 04 30	0.04	39	54	47
1996 05 01	0.06	42	66	54

Exhibit ELS-1

Schedule 2

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1996 05 02	0.19	44	68	56
1996 05 03	0.15	54	77	66
1996 05 04	0.28	60	77	69
1996 05 05	3.02	58	77	68
1996 05 06	T	57	63	60
1996 05 07	0.01	57	71	64
1996 05 08	0.38	63	78	71
1996 05 09	0.00	60	82	71
1996 05 10	0.00	64	81	73
1996 05 11	0.19	48	69	59
1996 05 12	0.00	40	57	49
1996 05 13	0.00	37	51	44
1996 05 14	T	37	64	51
1996 05 15	0.92	52	73	63
1996 05 16	T	67	77	72
1996 05 17	0.00	64	83	74
1996 05 18	0.00	68	86	77
1996 05 19	0.00	67	86	77
1996 05 20	0.00	69	84	77
1996 05 21	T	59	79	69
1996 05 22	0.00	54	79	67
1996 05 23	0.00	56	84	70
1996 05 24	0.11	64	90	77
1996 05 25	0.00	61	77	69
1996 05 26	0.81	62	76	69
1996 05 27	1.61	62	79	71
1996 05 28	1.25	61	78	70
1996 05 29	0.00	57	70	64
1996 05 30	0.00	47	69	58
1996 05 31	0.00	48	75	62
1996 06 01	0.00	60	76	68
1996 06 02	0.45	59	66	63
1996 06 03	0.27	58	76	67
1996 06 04	0.00	54	69	62
1996 06 05	0.00	49	74	62
1996 06 06	0.32	61	82	72
1996 06 07	0.72	63	75	69
1996 06 08	0.24	62	70	66
1996 06 09	0.01	59	77	68
1996 06 10	0.62	57	75	66
1996 06 11	0.57	61	74	68
1996 06 12	1.10	63	78	71
1996 06 13	0.00	61	82	72
1996 06 14	0.01	64	84	74
1996 06 15	0.00	62	86	74
1996 06 16	0.00	65	88	77
1996 06 17	0.00	69	87	78
1996 06 18	0.71	71	87	79
1996 06 19	T	69	85	77
1996 06 20	0.00	67	86	77
1996 06 21	0.00	64	86	75
1996 06 22	0.00	70	88	79
1996 06 23	T	71	91	81
1996 06 24	0.08	70	90	80
1996 06 25	0.00	64	77	71
1996 06 26	0.00	57	78	68
1996 06 27	0.00	57	84	71
1996 06 28	0.00	61	88	75
1996 06 29	0.00	66	89	78
1996 06 30	0.00	70	94	82
1996 07 01	T	74	91	83
1996 07 02	1.00	65	88	77
1996 07 03	0.00	59	76	68
1996 07 04	0.00	55	77	66
1996 07 05	0.00	54	81	68

Exhibit ELS-1

Schedule 2

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1996 07 06	0.00	59	88	74
1996 07 07	0.15	70	89	80
1996 07 08	0.02	70	81	76
1996 07 09	0.00	62	80	71
1996 07 10	0.00	58	78	68
1996 07 11	0.00	57	80	69
1996 07 12	0.00	64	87	76
1996 07 13	0.35	68	82	75
1996 07 14	0.70	67	87	77
1996 07 15	0.37	68	80	74
1996 07 16	0.00	63	84	74
1996 07 17	0.14	66	85	76
1996 07 18	T	72	88	80
1996 07 19	1.03	72	84	78
1996 07 20	0.00	66	79	73
1996 07 21	T	62	82	72
1996 07 22	T	67	75	71
1996 07 23	0.00	64	80	72
1996 07 24	0.00	65	85	75
1996 07 25	0.00	64	80	72
1996 07 26	0.00	59	80	70
1996 07 27	0.00	60	81	71
1996 07 28	0.10	62	80	71
1996 07 29	0.01	64	80	72
1996 07 30	0.62	66	79	73
1996 07 31	0.81	62	79	71
1996 08 01	T	57	79	68
1996 08 02	T	62	79	71
1996 08 03	0.00	60	83	72
1996 08 04	0.00	63	86	75
1996 08 05	0.00	70	87	79
1996 08 06	0.00	71	89	80
1996 08 07	0.00	72	90	81
1996 08 08	0.81	70	88	79
1996 08 09	0.00	62	81	72
1996 08 10	0.00	60	80	70
1996 08 11	0.13	64	76	70
1996 08 12	0.10	62	74	68
1996 08 13	0.00	60	81	71
1996 08 14	0.00	62	84	73
1996 08 15	0.00	65	83	74
1996 08 16	0.47	64	83	74
1996 08 17	0.52	63	81	72
1996 08 18	0.00	65	85	75
1996 08 19	0.00	67	87	77
1996 08 20	0.00	70	87	79
1996 08 21	0.00	69	85	77
1996 08 22	0.00	67	88	78
1996 08 23	0.01	71	88	80
1996 08 24	0.21	63	78	71
1996 08 25	0.00	55	82	69
1996 08 26	0.00	58	84	71
1996 08 27	0.05	63	81	72
1996 08 28	0.00	62	83	73
1996 08 29	0.00	62	86	74
1996 08 30	0.00	63	84	74
1996 08 31	0.00	56	84	70
1996 09 01	0.02	62	84	73
1996 09 02	0.00	62	84	73
1996 09 03	0.01	67	77	72
1996 09 04	0.02	63	80	72
1996 09 05	0.01	66	88	77
1996 09 06	T	68	83	76
1996 09 07	0.05	65	82	74
1996 09 08	0.00	63	85	74

1996 09 09	0.01	67	84	76
1996 09 10	0.00	65	83	74
1996 09 11	0.00	58	84	71
1996 09 12	0.10	54	77	66
1996 09 13	0.00	50	68	59
1996 09 14	0.00	45	70	58
1996 09 15	0.05	45	75	60
1996 09 16	1.56	60	75	68
1996 09 17	0.05	55	68	62
1996 09 18	0.00	49	72	61
1996 09 19	0.00	48	74	61
1996 09 20	0.00	50	75	63
1996 09 21	0.51	58	66	62
1996 09 22	0.00	53	74	64
1996 09 23	T	50	75	63
1996 09 24	T	55	69	62
1996 09 25	0.00	49	70	60
1996 09 26	0.00	57	79	68
1996 09 27	0.82	67	73	70
1996 09 28	0.94	48	69	59
1996 09 29	0.00	44	69	57
1996 09 30	0.00	46	74	60
1996 10 01	0.00	57	78	68
1996 10 02	0.05	62	73	68
1996 10 03	0.00	43	64	54
1996 10 04	0.00	39	61	50
1996 10 05	0.00	40	71	56
1996 10 06	0.00	47	71	59
1996 10 07	0.00	44	74	59
1996 10 08	0.00	44	70	57
1996 10 09	0.08	42	57	50
1996 10 10	0.08	45	58	52
1996 10 11	0.00	37	59	48
1996 10 12	0.00	39	67	53
1996 10 13	0.00	46	71	59
1996 10 14	0.00	53	76	65
1996 10 15	0.00	50	76	63
1996 10 16	0.00	55	73	64
1996 10 17	T	56	77	67
1996 10 18	0.92	41	67	54
1996 10 19	0.00	34	55	45
1996 10 20	0.00	33	61	47
1996 10 21	0.00	41	63	52
1996 10 22	0.11	52	75	64
1996 10 23	0.32	42	56	49
1996 10 24	0.00	45	63	54
1996 10 25	0.16	46	57	52
1996 10 26	0.25	54	63	59
1996 10 27	T	61	72	67
1996 10 28	0.13	49	67	58
1996 10 29	T	46	72	59
1996 10 30	T	48	72	60
1996 10 31	0.00	36	53	45
1996 11 01	0.02	35	43	39
1996 11 02	0.00	26	42	34
1996 11 03	0.00	20	43	32
1996 11 04	0.00	28	57	43
1996 11 05	T	47	62	55
1996 11 06	0.24	49	67	58
1996 11 07	1.50	43	74	59
1996 11 08	0.07	36	49	43
1996 11 09	0.07	32	39	36
1996 11 10	T	27	37	32
1996 11 11	T	26	34	30
1996 11 12	0.00	21	38	30

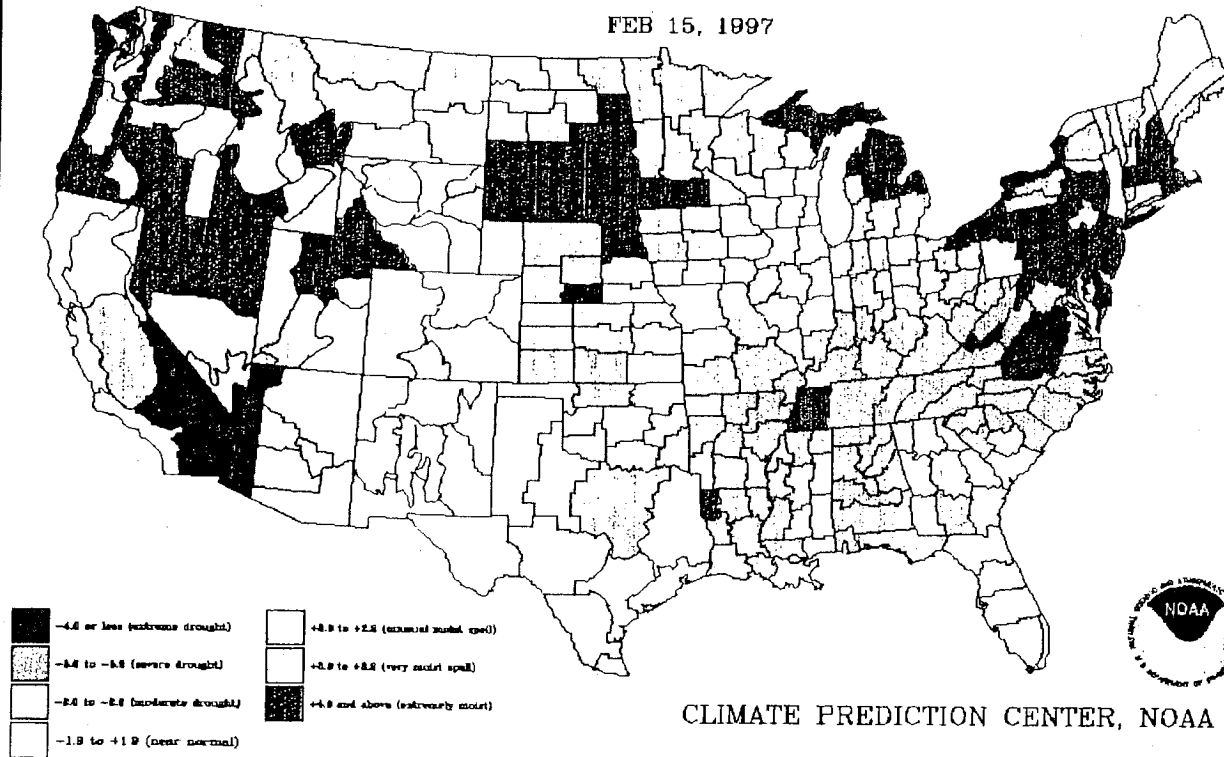
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1996 11 15	0.00	21	45	33
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1996 11 17	0.64	46	57	52
1996 11 18	0.07	41	52	47
1996 11 19	0.00	34	45	40
1996 11 20	T	34	43	39
1996 11 21	0.39	28	39	34
1996 11 22	0.00	26	33	30
1996 11 23	0.00	25	51	38
1996 11 24	T	43	55	49
1996 11 25	0.91	44	55	50
1996 11 26	0.03	28	52	40
1996 11 27	0.00	23	35	29
1996 11 28	0.00	21	42	32
1996 11 29	0.06	26	50	38
1996 11 30	0.78	42	56	49
1996 12 01	0.45	34	59	47
1996 12 02	0.00	28	48	38
1996 12 03	0.00	34	48	41
1996 12 04	0.00	26	40	33
1996 12 05	0.17	31	45	38
1996 12 06	0.00	29	52	41
1996 12 07	0.00	36	49	43
1996 12 08	0.03	28	39	34
1996 12 09	0.00	25	36	31
1996 12 10	0.00	29	60	45
1996 12 11	0.00	57	65	61
1996 12 12	1.45	41	61	51
1996 12 13	0.00	33	45	39
1996 12 14	0.00	30	48	39
1996 12 15	0.00	34	61	48
1996 12 16	1.07	40	47	44
1996 12 17	0.81	30	43	37
1996 12 18	0.00	19	30	25
1996 12 19	0.00	12	19	16
1996 12 20	0.00	11	19	15
1996 12 21	0.00	15	37	26
1996 12 22	0.04	34	45	40
1996 12 23	0.37	44	60	52
1996 12 24	0.48	18	54	36
1996 12 25	0.00	18	29	24
1996 12 26	0.00	24	48	36
1996 12 27	0.07	37	55	46
1996 12 28	0.03	54	66	60
1996 12 29	0.17	40	62	51
1996 12 30	0.03	30	51	41
1996 12 31	0.00	45	53	49

Sum	53.72			
Average		44.3	62.9	53.8

M = missing, e = estimated, T = trace
P = preliminary data, F = final data from NCDC

DROUGHT SEVERITY INDEX BY DIVISION (LONG TERM PALMER)

FEB 15, 1997



CLIMATE PREDICTION CENTER, NOAA



Climate Division: Temperature-Precipitation-Drought Data

Table of Contents

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Overview

The major parameters in this file are sequential "Time Biased Corrected" state climatic division monthly Average Temperatures (Deg.F. to 10ths), Precipitation (Inches to 100ths), and Palmer Drought Indices (PDSI, PHDI, PMDI, and ZNDX). Period of record is 1895 through latest month available, updated monthly.

Click [here](#) for a detailed description of this dataset

Description of Dataset Files

This dataset contains the following files:

- drought.README - data file information (14 K)
 - Temperature - 'Year and Previous Month'.tmp - (3.3 meg.) Example ==> 9407.tmp
 - Precipitation - 'Year and Previous Month'.pcp - (3.3 meg.) Example ==> 9407.pcp
 - Palmer Drought Severity Index - 'Year and Previous Month'.pdsi - (3.3 meg.) Example ==> 9407.pdsi
 - Palmer Hydrological Drought Index - 'Year and Previous Month'.phdi - (3.3 meg.) Example ==> 9407.phdi
 - Modified Palmer Drought Severity Index - 'Year and Previous Month'.pmdi - (3.3 meg.) Example ==> 9407.pmdi
 - Palmer 'Z' Index - 'Year and Previous Month'.zndx - (3.3 meg.) Example ==> 9407.zndx
-

Data Access

To obtain a copy of this dataset via Mosaic...

1. Follow the instructions given [here](#).
2. Click [here](#) for a list of files to download.

If you are going to use [anonymous FTP](#) to obtain the data then use the following information...

Directory : pub/data/cirs

Questions and Comments

Send questions or Comments to ...

Tom Ross
Neal Lott

tross@ncdc.noaa.gov
nlott@ncdc.noaa.gov

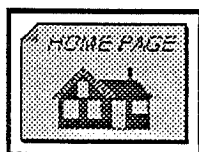
(704) 271-4994
(704) 271-4995

References

NCDC, 1994, **Time Bias Corrected Divisional Temperature-Precipitation-Drought Index**. Documentation for dataset TD-9640. Available from DBMB, NCDC, NOAA, Federal Building, 37 Battery Park Ave. Asheville, NC 28801-2733. 12pp.

Karl, Thomas R., Williams, Claude N., Young, Pamela J., and Wendland, Wayne M. January 1986: **A Model to Estimate the Time of Observation Bias Associated With Monthly Mean Maximum, Minimum and Mean Temperatures for the United States**, Journal of Climate and Applied Meteorology.

Heddinghouse, Thomas R., and Sabol, Paul. 1991: **A Review of the Palmer Drought Severity Index and Where Do We Go From Here**, Proceedings of the Seventh Conference on Applied Climatology, pp. 242-246.



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Time Bias Corrected Divisional Temperature-Precipitation-Drought Index

(TD-9640) MARCH 1994

The major parameters in this file are sequential "Time Biased Corrected" state climatic division monthly Average Temperatures (Deg.F. to 10ths), Precipitation (Inches to 100ths), and Palmer Drought Indices (PDSI, PHDI, PMDI, and ZNDX). Period of record is 1895 through latest month available, updated monthly.

Monthly averages within a climatic division have been calculated by giving equal weight to stations reporting both temperature and precipitation within a division. In the U.S., observers at cooperative stations often take one observation per day, and the ending time of the climatological day at any station can vary from station-to-station as well as year-to-year. Differences of the 24-hour period over which each observer reports his or her maximum and minimum temperature as well as the average temperature $[(\text{max} + \text{min})/2]$ affects the calculated monthly mean temperature. Karl, et al. (1986), describe the biases that this introduces. These potential biases were rectified by adjusting for these varying observation times. The model described by Karl, et al. (1986), was used to adjust the climate division averages such that all stations end their climatological day at midnight; i.e., climatological day coincides with calendar day. The time of observation was determined at each station within a climate division during January of the years 1931, 1941, 1951, 1965, 1975, and 1984 for the states of California, Colorado, Illinois, Indiana, New York, North Carolina, and Washington. The fraction of observers recording at various hours of the day was calculated and interpolated for intervening years (extrapolated for subsequent years). For these seven states, the ending time of observation was grouped into three categories: AM, PM, and MD. The AM category included observers who ended their climatological day between 3 AM and 11 AM; the PM category between noon and 9 PM; and the MD category between 10 PM and 2 AM; all local standard time. The fraction of observers in these categories was calculated, and it was assumed the 7 AM observation time best represented the AM category, the 5 PM observation time, the PM category, and midnight for the MD category. The reason for the simplification was to test if a faster method, requiring significantly less bookkeeping and keypunching, could not provide nearly as good results as calculating the fraction of observers at each of the 24 hours of the day.

The time of observation bias model was run by using the latitude and longitude of each of the centroids of the climate divisions. The output from the model was the time of observation bias, with respect to a midnight-to-midnight climatological day, for each of the possible ending hours of the climatological day. Each climate division's monthly average was then adjusted by weighting the bias at any given hour by the fraction of stations within the climate division observing at that hour, and subtracting the result for the reported monthly mean temperature.

Differences of the biases were small (< 0.3 Deg. F.) for those calculated by categorizing the ending time of observation into three categories compared to those obtained from calculating the fraction of stations with observation times at each of the 24 hours of the day. This is attributed to the preponderance of AM observation times falling between 6 AM and 9 AM, and PM observation times falling between 4 PM and 7 PM. As a result, by assuming 7 AM observation for all AM stations and 5 PM for all PM stations, a good estimate of the median bias is obtained for all AM or PM observations. Furthermore, nearly all the MD stations observed at midnight.

It should also be noted that the borders of the climate divisions in 1951 were not consistent with those defined in 1965. Due to the substantial additional effort it would have required locating each station within three or four climate divisions, as defined today, the change in the statewide percentage of AM, PM, and MD observation times was applied in equal proportions to all climate divisions prior to and including 1951.

Based on small differences between the two methods of estimating the time of observation bias, the simpler categorical procedure was used for all climate divisions. This should effectively eliminate most of the biases (over 2 Deg.F) in some climate divisions that have become part of the divisional averages. These biases affect both trends and actual estimates of divisional averages. Reference Karl, et al. (1986): "A model to estimate the time of observation bias associated with monthly mean maximum, minimum, and mean temperatures for the United States" (Thomas R. Karl, Claude N. Williams, Jr., and Pamela J. Young, National Climatic Data Center, and Wayne M. Wendland, Illinois State Water Survey, Journal of Climate and Applied Meteorology, January 1986, American Meteorological Society, Boston, MA). The time of observation bias model which can be used for the maximum, minimum, and mean monthly temperature at any location in the contiguous U.S. [program NCC*F11SRC (OBTBIAS Code) and NCC*F11REL (OBTBIAS)], is available from the NCDC.

Historical drought data have been added to this file for the period 1895 to present. The file is updated monthly. All drought

data are calibrated using the period 1895-1990 (cf. Karl, 1986; Journal of Climate and Applied Meteorology, Vol. 25, No. 1, January 1986). Drought data include:

1. Palmer Drought Severity Index (PDSI)

This is the monthly value (index) that is generated indicating the severity of a wet or dry spell. This index is based on the principles of a balance between moisture supply and demand. Man-made changes were not considered in this calculation. The index generally ranges from -6 to +6, with negative values denoting dry spells and positive values indicating wet spells. There are a few values in the magnitude of +7 or -7. PDSI values 0 to -5 = normal; -0.5 to -1.0 = incipient drought; -1.0 to -2.0 = mild drought; -2.0 to -3.0 = moderate drought; -3.0 to -4.0 = severe drought; and greater than -4.0 = extreme drought. Similar adjectives are attached to positive values of wet spells. This is a meteorological drought index used to assess the severity of dry or wet spells of weather.

2. Palmer Hydrological Drought Index (PHDI)

This is the monthly value (index) generated monthly that indicates the severity of a wet or dry spell. This index is based on the principles of a balance between moisture supply and demand. Man-made changes such as increased irrigation, new reservoirs, and added industrial water use were not included in the computation of this index. The index generally ranges from -6 to +6, with negative values denoting dry spells, and positive values indicating wet spells. There are a few values in the magnitude of +7 or -7. PHDI values 0 to -0.5 = normal; -0.5 to -1.0 = incipient drought; -1.0 to -2.0 = mild drought; -2.0 to -3.0 = moderate drought; -3.0 to -4.0 = severe drought; and greater than -4.0 = extreme drought. Similar adjectives are attached to positive values of wet spells. This is a hydrological drought index used to assess long-term moisture supply.

3. Palmer "Z" Index (ZNDX)

This is the generated monthly Z values, and they can be expressed as the "Moisture Anomaly Index." Each monthly Z value is a measure of the departure from normal of the moisture climate for that month. This index can respond to a month of above-normal precipitation, even during periods of drought. Table 1 contains expected values of the Z index and other drought parameters. See Historical Climatology Series 3-6 through 3-9 for a detailed description of the drought indices.

4. Modified Palmer Drought Severity Index (PMDI)

This is a modification of the Palmer Drought Severity Index. The modification was made by the National Weather Service Climate Analysis Center for operational meteorological purposes. The Palmer drought program calculates three intermediate parallel index values each month. Only one value is selected as the PDSI drought index for the month. This selection is made internally by the program on the basis of probabilities. If the probability that a drought is over is 100%, then one index is used. If the probability that a wet spell is over is 100%, then another index is used. If the probability is between 0% and 100%, the third index is assigned to the PDSI. The modification (PMDI) incorporates a weighted average of the wet and dry index terms, using the probability as the weighting factor. (Thomas R. Heddinghouse and Paul Sabol, 1991; "A Review of the Palmer Drought Severity Index and Where Do We Go From Here?," Proceedings of the Seventh Conference on Applied Climatology, pp. 242-246, American Meteorological Society, Boston, MA). The PMDI and PDSI will have the same value during an established drought or wet spell (i.e., when the probability is 100%), but they will have different values during transition periods.

Table 1 Classes for Wet and Dry Periods

Approximate Cumulative Frequency 8	Range PHDI	Category	Range Z
> 96	> 4.00	Extreme wetness	> 3.50

90-95	3.00, 3.99	Severe wetness	2.50, 3.49
73-89	1.50, 2.99	Mild to moderate wetness	1.00, 2.49
28-72	-1.49, 1.49	Near normal	-1.24, 0.99
11-27	-1.50, -2.99	Mild to moderate drought	-1.25, -1.99
5-10	-3.00, -3.99	Severe drought	-2.00, -2.74
< 4	<-4.00	Extreme drought	<-2.75

State Code Table.

Range of values of 01-91.

01 Alabama	28 New Jersey
02 Arizona	29 New Mexico
03 Arkansas	30 New York
04 California	31 North Carolina
05 Colorado	32 North Dakota
06 Connecticut	33 Ohio
07 Delaware	34 Oklahoma
08 Florida	35 Oregon
09 Georgia	36 Pennsylvania
10 Idaho	37 Rhode Island
11 Illinois	38 South Carolina
12 Indiana	39 South Dakota
13 Iowa	40 Tennessee
14 Kansas	41 Texas
15 Kentucky	42 Utah
16 Louisiana	43 Vermont
17 Maine	44 Virginia
18 Maryland	45 Washington
19 Massachusetts	46 West Virginia
20 Michigan	47 Wisconsin
21 Minnesota	48 Wyoming
22 Mississippi	
23 Missouri	
24 Montana	
25 Nebraska	
26 Nevada	
27 New Hampshire	

FILE FORMAT

Element Name	Record Position	Element Description
STATE-CODE	1-2	STATE-CODE as indicated in State Code Table as described in FILE 1. Range of values is 01-91.
DIVISION-NUMBER	3-4	DIVISION NUMBER - Assigned by NCDC. Range of

values 01-10.

ELEMENT CODE	5	1 = Precipitation 2 = Temperature 5 = PDSI 6 = PHDI 7 = ZNDX 8 = PMDI
YEAR	6-9	This is the year of record. Range is 1895 to current year processed.
JAN-VALUE	10-16	Palmer Drought Index format. Range of values b-20.00 to bb20.00. Decimal point retains a position in 7-character field. Missing values in the latest year are indicated by -999.99. Monthly Divisional Temperature format. Range of values b-50.00 to b140.00 degrees Fahrenheit. Decimals retain a position in the 5-character field. Missing values in the latest year are indicated by b-99.90. Monthly Divisional Precipitation format. Range of values 00.00 to 99.99. Decimal point retains a position in the 5-character field. Missing values in the latest year are indicated by bb-9.99.
FEB-VALUE	17-23	
MAR-VALUE	24-30	
APR-VALUE	31-37	
MAY-VALUE	38-44	
JUNE-VALUE	45-51	
JULY-VALUE	52-58	
AUG-VALUE	59-65	
SEPT-VALUE	66-72	
OCT-VALUE	73-79	
NOV-VALUE	80-86	
DEC-VALUE	87-93	

Return to CLIMVIS

Return to FTP Screen

Current directory is /pub/data/cirsUp to higher level directory

<u>96257.m06</u>	7735 Kb	Mon Oct 02 18:30:00 1995
<u>96257.m60</u>	789 Kb	Mon Oct 02 18:30:00 1995
<u>96257.r06</u>	189 Kb	Mon Oct 02 18:30:00 1995
<u>96257.r60</u>	41 Kb	Mon Oct 02 18:30:00 1995
<u>96257.s60</u>	38 Kb	Mon Oct 02 18:30:00 1995
<u>96257.w60</u>	550 Kb	Mon Oct 02 18:30:00 1995
<u>9701.pcp</u>	3356 Kb	Tue Feb 20 20:06:00 1996
<u>9701.pcpst</u>	565 Kb	Tue Feb 20 20:12:00 1996
<u>9701.pdsi</u>	3356 Kb	Tue Feb 20 20:08:00 1996
<u>9701.pdsist</u>	565 Kb	Tue Feb 20 20:12:00 1996
<u>9701.phdi</u>	3356 Kb	Tue Feb 20 20:09:00 1996
<u>9701.pmdi</u>	3356 Kb	Tue Feb 20 20:10:00 1996
<u>9701.pmdist</u>	565 Kb	Tue Feb 20 20:12:00 1996
<u>9701.tmp</u>	3356 Kb	Tue Feb 20 20:07:00 1996
<u>9701.tmpst</u>	565 Kb	Tue Feb 20 20:12:00 1996
<u>9701.zndx</u>	3356 Kb	Tue Feb 20 20:11:00 1996
<u>9701.zndxst</u>	565 Kb	Tue Feb 20 20:13:00 1996
<u>drought.README</u>	13 Kb	Wed Sep 07 00:00:00 1994
<u>ebasc</u>	264 Kb	Tue Oct 03 16:57:00 1995
<u>state.README</u>	10 Kb	Wed Jan 17 00:00:00 1996

PALMER DROUGHT SEVERITY INDEX FILE, FOR KENTUCKY CLIMATE DIVISION 03, CONTAINING LEXINGTON

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
150351948	-1.30	.54	.88	1.91	-.20	-.29	-.28	-.70	-1.37	-1.29	.69	.94
150351949	1.44	1.78	1.67	-.04	-.54	-.16	-.56	-.07	-.45	-.56	-1.01	.44
150351950	2.92	2.93	2.37	2.00	2.21	3.19	3.96	3.76	4.33	3.77	4.42	3.61
150351951	4.37	4.26	3.99	-.26	-.65	-.95	-1.90	-2.05	-1.73	-1.95	.82	1.96
150351952	2.14	1.60	2.09	-.48	-.66	-1.14	-1.95	-2.22	-2.47	-2.65	-2.89	-2.99
150351953	-2.60	-3.08	-2.65	-2.24	-2.02	-2.13	-2.25	-2.75	-3.31	-3.95	-4.72	-5.44
150351954	-5.25	-5.48	-5.47	-5.29	-5.21	-5.29	-5.63	-4.69	-4.10	-3.92	-4.15	-4.03
150351955	-4.14	1.32	2.01	1.23	1.09	1.22	1.53	.97	.92	1.12	1.15	-.61
150351956	-.70	1.66	1.87	1.95	1.59	1.84	2.44	2.21	2.36	-.25	-.44	.33
150351957	.44	.41	-.76	.85	.88	1.03	-.59	-1.24	.25	.25	.99	1.56
150351958	-.42	-.84	-1.26	.43	.54	1.03	2.24	2.44	2.42	-.21	-.12	-.83
150351959	-.37	-.64	-1.17	-1.46	-1.82	-2.09	-1.86	-1.82	-2.64	-2.02	-1.67	-1.53
150351960	-1.71	-1.15	-1.61	-2.47	-2.31	1.60	-.16	.12	.16	-.05	-.19	-.64
150351961	-1.05	.03	.24	1.07	2.01	2.35	2.95	2.78	-.58	-1.02	-1.07	.07
150351962	.08	1.11	1.13	.65	.66	.57	.90	.30	.57	.96	1.09	-.22
150351963	-.95	-1.46	.97	-.83	-.69	-.82	.62	.72	-.56	-1.54	-2.24	-3.26
150351964	-3.40	-3.27	2.41	.03	-.89	-1.03	-1.19	-1.60	-1.46	-1.99	-2.36	-1.87
150351965	-1.87	-1.64	-1.06	-.71	-1.74	-2.23	-2.04	-2.23	1.25	1.66	-.35	-1.26
150351966	-.83	-.65	-1.62	.95	-.24	-1.12	-1.13	.34	.62	.48	.66	1.05
150351967	-.91	-1.29	.32	.23	.99	.69	1.07	1.01	.91	.80	1.14	1.17
150351968	-.63	-1.50	.45	.68	1.80	1.12	1.39	1.70	-.18	-.35	-.41	-.47
150351969	-.48	-1.08	-1.70	-1.57	-1.78	-1.59	-1.74	-1.23	-1.46	-1.73	-1.68	-1.35
150351970	-2.01	-.05	-.08	1.47	-.59	-.55	-.87	-.79	.41	.52	.25	.55
150351971	.24	.71	-.66	-1.05	.75	.65	1.30	1.40	1.89	-.59	-.96	-1.04
150351972	.05	.49	.33	2.08	1.88	1.66	1.41	1.04	1.36	1.39	2.12	2.78
150351973	1.89	1.22	1.06	1.78	2.46	3.05	3.35	2.79	2.15	2.02	2.67	2.37
150351974	2.62	1.71	1.72	1.38	1.88	2.15	1.47	3.39	4.19	3.75	3.51	3.37
150351975	3.01	3.12	4.33	4.42	3.57	3.28	2.54	2.29	3.32	4.15	3.64	3.56
150351976	3.28	-.08	-.56	-1.54	-1.67	.66	.50	.41	.99	2.02	-.35	-.89
150351977	-1.29	-1.87	-1.99	-1.85	-2.67	.30	.13	1.00	.59	1.55	1.94	2.07
150351978	2.46	1.38	1.06	.56	1.18	.76	1.67	2.73	1.82	2.37	2.59	4.58
150351979	4.54	4.41	3.05	3.36	3.10	3.25	3.96	4.58	6.64	6.38	6.52	5.97
150351980	-.50	-1.04	-.53	-.63	-.66	-1.02	-.79	-.82	-1.29	-1.24	-1.38	-2.00
150351981	-2.72	-2.10	-2.58	.19	.84	.77	1.16	.93	.83	1.10	-.46	-.51
150351982	.58	-.20	-.06	-.38	-.63	.74	.14	.59	.57	.05	.24	.54
150351983	-.64	-1.13	-1.99	.71	2.65	-.11	-1.23	-2.03	-2.77	1.84	2.13	2.13
150351984	1.22	.97	.98	1.38	2.33	-.95	-.91	-1.60	-1.68	.23	.89	1.31
150351985	-.38	-.77	-.88	-1.89	-1.80	.18	.12	.48	-.68	.56	1.31	-.61
150351986	-1.37	-1.15	-1.61	-2.49	-2.62	-3.08	-2.82	-2.88	-2.35	-2.14	-.93	-.67
150351987	-1.23	-1.34	-1.37	-1.50	-2.26	-2.41	-2.36	-2.90	-3.25	-3.72	-4.28	-4.01
150351988	-3.80	-3.23	-3.46	-3.20	-3.27	-4.16	-3.72	-3.59	.31	.20	1.00	1.14
150351989	.99	2.92	3.00	2.66	2.73	3.15	2.71	2.89	3.20	3.52	3.52	2.82
150351990	2.52	2.78	1.61	1.10	2.20	2.25	1.86	2.23	2.18	3.11	2.91	4.84
150351991	4.14	3.91	3.88	-.41	-.90	-1.44	-1.62	-1.75	-1.55	-1.79	-2.58	-1.87
150351992	-1.89	-2.32	-2.01	-2.43	.16	.59	1.62	2.05	1.89	1.40	1.73	-.42
150351993	-.53	-.28	-.45	-.42	-.88	-.06	-.80	.21	.09	.70	1.19	1.19
150351994	1.33	1.43	1.79	2.22	-.07	-.55	-.58	-.46	-.83	-.99	-1.34	-1.51
150351995	-1.19	-1.37	-1.82	-.01	1.56	1.52	-.74	-.86	-1.08	.75	.61	.43
150351996	.70	.32	.48	1.25	2.50	2.47	2.70	2.00	2.47	2.04	2.14	1.49

Kentucky-American Water Company
Sales and Customer Data
Lexington, Kentucky
Zip Code: 40502

Residential Quarterly				Residential Monthly				Commercial Quarterly				Commercial Monthly				Industrial Quarterly				Industrial Monthly				OPA Quarterly				OPA Monthly				OWU Quarterly				OWU Monthly			
Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills					
Jan-87	317,177	17,955		121,564	2,063	164,227	752					40,215	15	7,411	83	94,865	195															15,876	5						
Feb-87	326,356	18,930		122,552	1,705	159,763	767					43,031	14	6,735	61	95,118	194															14,394	5						
Mar-87	430,484	25,247		117,723	1,628	159,398	772					41,294	14	2,469	36	113,064	194															12,830	5						
Apr-87	312,429	18,209		105,925	2,082	171,423	777					42,656	14	7,253	85	115,133	194															11,521	5						
May-87	321,827	19,022		118,844	1,721	180,363	771					43,948	14	8,567	62	111,596	193															10,310	5						
Jun-87	555,395	25,275		136,816	1,644	221,285	779					56,431	14	3,474	36	120,766	194															20,991	5						
Jul-87	430,471	18,363		124,797	2,077	228,866	775					59,303	14	8,832	82	137,502	194															22,975	5						
Aug-87	430,087	19,115		140,242	1,741	233,343	772					54,384	14	10,431	62	136,172	195															28,607	5						
Sep-87	650,795	25,503		151,687	1,672	241,069	785					48,659	14	6,050	36	144,740	195															29,027	5						
Oct-87	490,604	18,603		150,994	2,117	224,029	778					52,846	14	10,315	82	139,925	196															24,704	5						
Nov-87	409,351	19,316		150,182	1,760	206,703	784					47,782	14	8,186	62	124,007	196															23,356	5						
Dec-87	519,295	25,686		136,085	1,676	167,770	795					44,705	14	5,873	36	102,005	195															16,467	5						
Jan-88	353,114	19,911		118,031	2,178	165,350	790					51,503	14	6,628	81	94,372	195															20,056	5						
Feb-88	315,152	19,452		116,162	1,775	157,624	793					44,882	14	9,163	62	94,826	195															17,453	5						
Mar-88	405,441	24,522		117,743	1,601	174,492	807					50,171	14	2,086	35	100,667	198															17,258	5						
Apr-88	361,433	20,060		113,218	2,203	176,908	802					57,799	14	6,633	80	105,938	200															17,606	5						
May-88	344,640	19,497		123,439	1,769	187,148	801					55,907	14	9,144	62	106,264	199															23,242	5						
Jun-88	551,806	24,615		128,973	1,613	214,697	806					66,553	14	4,413	36	124,297	200															32,033	5						
Jul-88	554,281	20,233		138,919	2,215	266,525	802					68,152	14	8,717	81	147,344	202															38,880	5						
Aug-88	452,571	19,591		143,332	1,782	195,014	806					57,623	14	9,729	62	122,758	203															17,123	5						
Sep-88	612,833	24,820		139,345	1,629	229,218	813					71,268	14	4,373	37	132,386	205															25,948	5						
Oct-88	420,481	20,475		138,849	2,239	204,456	808					61,112	14	7,458	82	120,177	205															19,409	5						
Nov-88	357,907	19,720		133,750	1,786	184,680	808					53,902	14	9,768	62	103,146	205															18,898	5						
Dec-88	415,774	24,980		117,859	1,622	160,159	816					57,194	14	2,901	36	97,491	203															20,492	5						
Jan-89	352,094	20,606		121,362	2,221	151,659	815					51,260	15	5,715	79	93,375	205															16,687	5						
Feb-89	316,845	19,798		114,670	1,793	146,474	813					54,197	15	7,977	62	91,035	206															13,913	5						
Mar-89	392,439	25,111		114,897	1,629	141,258	825					53,144	15	2,294	34	89,378	207															14,659	5						
Apr-89	320,379	20,597		103,627	2,175	158,570	822					53,876	15	9,652	82	100,874	207															19,289	5						
May-89	311,334	19,819		109,559	2,175	172,719	822					59,810	15	11,832	61	119,235	209															18,359	5						
Jun-89	432,061	25,224		125,617	1,772	190,015	805					68,711	15	2,689	35	107,315	209															18,153	5						
Jul-89	399,605	20,706		128,189	2,193	206,609	814					73,313	15	8,998	83	123,738	210															20,401	5						
Aug-89	381,318	19,857		134,584	1,793	209,232	814					69,701	15	9,295	60	119,180	210															26,229	5						
Sep-89	512,965	25,402		146,250	1,790	219,495	816					82,754	15	3,714	34	134,743	211															27,412	5						
Oct-89	407,301	20,840		140,733	2,194	195,012	818					69,590	15	8,358	82	132,494	211															20,243	5						
Nov-89	351,049	19,968		130,547	1,797	185,521	820					74,211	15	9,710	60	125,671	212															15,743	5						
Dec-89	423,913	25,570		127,887	1,807	165,618	819					72,462	15	2,885	34	100,020	212															13,115	5						
Jan-90	359,870	20,894		125,119	2,157	164,635	821					63,159	15	5,734	79	91,065	212															17,180	5						
Feb-90	341,889	20,033		115,926	1,805	164,689	816					68,926	15	9,576	60	108,607	213															15,372	5						
Mar-90	412,117	25,689		124,889	1,800	153,128	814					67,192	15	2,578	34	93,067	213															12,039	5						
Apr-90	349,606	21,030		121,382	2,163	176,883	819					67,536	15	6,688	80	101,694	210															11,997	5						
May-90	306,625	20,081		111,229	1,772	172,798	818					66,659	15	8,991	62	104,186	211															14,207	5						
Jun-90	433,206	25,920		129,852	1,834	193,339	825					70,289	15	8,573	35	113,425	214															14,682	5						
Jul-90	426,401	21,175		129,950	2,173	216,690	824					76,541	15	11,531	81	134,712	214															23,270	5						
Aug-90	378,356	20,128		130,931	1,766	221,567	827					71,581	17	10,131	61	134,780	213															25,124	5						
Sep-90	537,788	26,154		155,055	1,847	228,408	827					80,104	17	11,522	35	158,214	2																						

Nov-91	362,090	20,464	135,564	1,891	201,780	834	73,934	18	8,680	70	132,847	213	19,614
Dec-91	438,591	26,782	144,192	1,934	172,944	841	63,772	18	4,570	41	100,339	218	19,022
Jan-92	365,733	21,984	128,273	2,301	154,389	841	52,554	18	6,241	92	96,690	218	18,404
Feb-92	326,696	20,481	108,919	1,880	163,393	843	67,999	18	8,250	69	103,663	217	19,535
Mar-92	410,399	26,881	134,413	1,925	161,957	846	64,290	19	3,561	42	103,208	217	16,219
Apr-92	343,772	22,086	121,003	2,299	181,367	843	66,648	19	6,931	92	98,832	213	14,754
May-92	317,537	20,534	104,430	1,808	191,630	848	73,397	18	11,577	69	123,248	213	16,948
Jun-92	441,220	27,040	138,458	1,928	193,684	850	70,585	18	6,251	39	117,602	213	18,643
Jul-92	410,950	27,290	137,171	2,319	212,171	852	73,994	18	9,224	88	134,573	214	22,537
Aug-92	361,570	20,464	125,994	1,892	228,566	850	82,041	18	9,961	70	146,847	214	23,120
Sep-92	480,795	27,188	156,895	1,957	208,982	854	77,810	18	7,084	43	137,985	214	21,138
Oct-92	414,273	22,542	145,247	2,319	214,215	858	72,559	15	7,266	87	130,831	214	21,614
Nov-92	346,290	20,800	123,586	1,898	213,493	851	73,880	15	8,244	70	126,644	214	20,708
Dec-92	433,887	27,259	146,868	1,951	164,020	847	68,237	15	4,454	43	101,459	214	16,942
Jan-93	376,515	22,674	131,097	2,330	170,612	850	54,269	16	6,948	89	99,709	215	20,566
Feb-93	323,754	20,858	112,402	1,888	150,150	838	61,534	16	8,483	70	101,449	214	16,552
Mar-93	415,562	27,450	133,659	1,963	164,815	850	63,868	16	4,058	43	102,473	214	15,614
Apr-93	357,707	22,763	117,494	2,312	192,402	852	64,636	16	5,498	90	111,203	214	16,307
May-93	331,081	21,011	112,868	1,903	191,971	851	68,405	16	9,575	70	109,490	214	19,557
Jun-93	462,493	27,524	145,326	1,986	200,001	855	73,007	16	8,141	42	117,151	214	20,635
Jul-93	450,300	23,053	133,243	2,317	233,614	855	77,279	16	8,695	91	141,062	214	26,033
Aug-93	398,458	21,008	132,446	1,893	253,260	856	84,431	16	11,028	70	155,041	215	34,148
Sep-93	570,359	27,720	183,974	2,013	245,716	852	85,577	16	7,071	43	167,918	215	48,338
Oct-93	490,834	23,297	151,444	2,314	225,032	857	68,695	16	8,979	91	127,796	215	21,895
Nov-93	371,567	21,235	130,982	1,905	201,582	855	68,693	16	8,405	70	112,452	215	31,534
Dec-93	437,695	27,797	158,817	2,014	180,424	852	65,554	16	4,471	43	104,956	215	17,655
Jan-94	401,992	23,524	124,237	2,306	176,024	850	53,921	16	7,684	91	96,986	215	23,024
Feb-94	345,211	21,370	104,122	1,907	175,763	854	61,061	16	9,760	72	103,236	215	21,697
Mar-94	428,411	27,964	146,977	2,014	168,011	855	64,054	16	2,893	43	91,803	215	18,378
Apr-94	422,485	23,509	130,753	2,300	186,351	858	67,394	16	5,476	90	103,080	214	20,495
May-94	327,460	21,540	120,142	1,924	192,327	857	70,284	16	9,866	72	105,019	214	19,304
Jun-94	468,116	28,041	164,119	2,032	211,187	860	84,122	16	7,623	43	120,429	212	23,463
Jul-94	523,053	23,757	147,154	2,306	244,202	860	90,590	16	9,593	90	161,853	212	32,388
Aug-94	421,069	21,560	137,215	1,915	228,334	864	86,112	16	20,637	72	151,888	212	22,963
Sep-94	569,841	28,206	198,211	2,030	243,682	868	90,744	16	4,936	43	138,285	213	26,745
Oct-94	486,844	24,092	148,785	2,317	233,586	869	82,525	16	7,541	90	139,529	214	24,050
Nov-94	378,274	21,804	128,874	1,936	201,334	870	80,474	16	9,464	71	112,142	214	20,318
Dec-94	459,549	28,436	165,086	2,042	195,106	875	93,320	16	4,724	43	101,317	214	16,173
Jan-95	390,575	24,211	111,293	2,298	171,666	874	59,806	16	5,637	90	94,144	214	20,489
Feb-95	345,130	21,855	109,392	1,960	162,928	864	75,964	16	9,972	71	90,435	214	16,173
Mar-95	431,887	28,606	140,438	2,038	164,733	877	76,397	16	3,832	44	99,707	214	16,646
Apr-95	388,366	24,409	112,343	2,294	192,304	878	79,649	16	5,310	91	107,025	215	18,608
May-95	334,816	21,844	116,300	1,969	176,789	879	72,261	16	9,341	71	103,398	215	16,904
Jun-95	464,804	28,679	159,427	2,063	211,000	882	81,030	16	5,525	44	124,059	215	24,407
Jul-95	473,845	24,524	130,307	2,303	228,733	884	82,532	16	9,492	89	135,639	217	23,066
Aug-95	426,532	21,889	141,294	1,974	236,167	881	94,613	16	9,654	72	152,356	216	24,230
Sep-95	607,301	28,841	195,841	2,060	276,831	887	107,937	16	7,249	45	173,868	217	28,490
Oct-95	554,366	24,822	149,572	2,300	223,561	886	87,330	16	5,021	88	129,506	217	25,224
Nov-95	388,705	22,062	145,155	1,987	211,509	892	86,090	16	8,906	72	117,259	214	23,002
Dec-95	453,820	29,940	159,250	2,056	185,895	887	77,279	16	4,531	44	103,461	214	22,046
Jan-96	408,492	25,112	119,400	2,278	170,691	900	63,208	16	5,300	87	86,251	213	22,187
Feb-96	344,434	22,170	105,263	1,984	181,942	900	79,001	16	9,689	72	97,044	213	24,235
Mar-96	437,443	29,080	142,936	2,049	170,479	898	74,713	16	7,031	45	96,459	214	23,540
Apr-96	403,352	25,145	129,836	2,276	177,154	899	77,159	16	6,157	87	97,190	215	22,115
May-96	324,119	22,220	100,463	1,997	190,323	904	80,440	16	9,724	73	101,799	215	21,959
Jun-96	457,623	29,223	145,582	2,068	217,894	908	93,155	16	8,584	45	123,091	215	27,552
Jul-96	483,211	25,334	128,956	2,283	220,081	906	86,777	16	7,463	88	129,844	215	27,191
Aug-96	404,417	22,338	132,302	2,004	246,938	909	94,713	16	11,514	74	143,416	215	29,332
Sep-96	556,971	29,311	108,701	2,082	246,856	943	94,566	16	10,201	45	156,996	215	29,441

Tennessee-American Water Company
Sales and Customer Data
Chattanooga, TN
Zip Code: 37402

	Residential Quarterly		Residential Monthly		Commercial Quarterly		Commercial Monthly		Industrial Quarterly		Industrial Monthly		OPA Quarterly		OPA Monthly		OWU Quarterly		OWU Monthly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87			369,379	57,159			245,576	6,013			198,704	145			72,935	348			25,417	7
Feb-87			361,469	57,168			253,811	6,016			238,176	145			70,746	348			23,566	7
Mar-87			355,099	57,167			260,539	6,024			250,132	146			74,595	350			25,879	7
Apr-87			349,011	57,235			261,300	6,055			240,931	147			69,065	359			24,938	7
May-87			393,152	57,359			290,015	6,063			304,695	147			77,281	376			34,904	7
Jun-87			445,312	57,496			338,660	6,085			292,843	147			85,120	375			33,234	7
Jul-87			422,576	57,510			340,587	6,106			243,483	143			86,367	377			40,000	10
Aug-87			461,743	57,525			368,723	6,142			263,831	143			86,429	379			37,394	10
Sep-87			440,312	57,648			365,367	6,153			268,890	142			91,300	376			25,494	10
Oct-87			408,701	57,663			324,468	6,155			265,250	143			88,534	372			26,465	10
Nov-87			380,897	57,670			303,547	6,136			250,495	144			77,646	371			23,522	7
Dec-87			373,949	57,707			290,611	6,159			223,175	144			77,930	347			25,342	7
Jan-88			374,605	57,622			281,891	6,138			198,704	145			80,237	368			24,761	7
Feb-88			389,065	57,556			284,064	6,135			238,176	145			79,279	376			25,475	7
Mar-88			369,467	57,511			273,289	6,128			250,132	146			73,898	375			22,892	7
Apr-88			380,007	57,581			295,895	6,152			240,931	147			78,384	376			26,927	7
May-88			406,451	57,752			292,343	6,193			304,695	147			78,031	381			29,837	10
Jun-88			473,177	57,822			353,791	6,207			277,656	147			93,544	386			48,073	11
Jul-88			508,388	58,018			364,560	6,227			243,483	146			81,695	376			27,245	7
Aug-88			437,243	58,060			359,245	6,247			263,831	149			83,669	378			41,532	7
Sep-88			408,787	57,870			353,407	6,256			268,890	148			89,939	378			30,359	8
Oct-88			386,716	57,898			316,470	6,251			265,250	148			82,303	378			27,908	7
Nov-88			356,776	57,887			280,607	6,227			250,495	148			78,971	378			27,359	7
Dec-88			379,769	57,766			285,084	6,238			223,175	148			75,235	375			24,031	7
Jan-89			376,184	57,763			273,311	6,238			226,346	143			76,882	392			26,495	10
Feb-89			349,551	57,671			263,916	6,234			223,599	141			73,998	395			21,441	10
Mar-89			341,295	57,658			263,375	6,224			265,863	142			75,499	398			22,362	10
Apr-89			366,217	57,723			276,052	6,242			240,131	141			75,000	405			24,702	10
May-89			380,427	57,839			285,537	6,282			237,533	142			74,783	407			28,705	10
Jun-89			393,645	57,808			309,696	6,292			250,851	142			86,040	408			28,090	10
Jul-89			394,148	57,658			322,724	6,294			241,822	143			88,347	407			34,905	8
Aug-89			411,480	57,682			346,160	6,304			251,912	145			91,991	401			28,270	5
Sep-89			420,571	57,675			354,955	6,320			248,324	145			95,522	400			31,286	5
Oct-89			377,281	57,712			313,991	6,351			224,586	146			77,723	402			25,430	5
Nov-89			366,136	57,748			295,696	6,332			220,378	147			73,260	402			23,806	5
Dec-89			377,243	57,730			285,411	6,325			233,737	147			70,104	400			22,789	5
Jan-90			416,229	57,685			300,353	6,307			233,141	145			77,907	389			33,286	5
Feb-90			361,761	57,541			272,957	6,319			220,344	149			67,603	389			23,045	5
Mar-90			352,577	57,496			274,781	6,334			216,787	147			72,376	393			27,474	5
Apr-90			355,237	57,646			274,429	6,343			220,376	146			71,885	393			25,395	5
May-90			371,409	57,740			284,673	6,359			225,558	147			71,479	393			26,792	5
Jun-90			391,776	57,686			322,052	6,375			286,705	146			78,965	393			28,090	5
Jul-90			444,681	58,030			364,292	6,388			211,630	147			86,150	394			51,423	5
Aug-90			437,939	58,088			363,281	6,407			242,997	146			91,676	394			40,634	5
Sep-90			441,020	58,040			369,020	6,404			240,557	145			89,848	396			40,751	5
Oct-90			391,424	58,067			341,697	6,425			213,660	147			78,622	390			29,380	5
Nov-90			351,491	57,883			301,256	6,405			214,949	147			72,449	391			26,638	5
Dec-90			372,849	57,807			303,564	6,380			205,220	150			73,917	391			25,840	5
Jan-91			367,465	57,718			270,289	6,360			181,211	151			67,803	394			24,063	5
Feb-91			1	1			1	1			209,033	150			72,385	397			28,235	5
Mar-91			1	1			1	1			192,891	145			72,945	397			18,744	5
Apr-91			1	1			1	1			55,133	76			21,911	207			2,345	2
May-91			1	1			1	1			236,462	150			71,207	398			28,747	5
Jun-91			1	1			1	1			222,314	148			70,915	399			24,725	5
Jul-91			392,148	58,003			326,920	6,389			209,996	148			76,967	402			27,043	5
Aug-91			407,621	58,072			363,044	6,392			207,028	148			82,569	401			29,125	5
Sep-91			420,748	58,093			368,959	6,429			255,799	149			87,490	402			40,403	5
Oct-91			391,868	58,124			334,063	6,414			240,756	149			84,711	400			41,065	5

Nov-91	378,512	58,047	294,817	6,394	236,810	153	78,387	404	33,691	5
Dec-91	370,131	57,939	286,035	6,393	220,311	154	73,196	406	27,276	5
Jan-92	368,403	57,871	265,461	6,383	218,587	154	70,724	399	25,887	5
Feb-92	355,343	57,955	268,357	6,363	251,421	153	72,484	398	25,910	5
Mar-92	348,144	58,112	266,551	6,394	243,303	154	72,961	401	24,273	5
Apr-92	342,979	58,205	278,987	6,417	230,258	154	69,462	408	22,208	5
May-92	378,305	58,256	293,325	6,421	242,605	154	78,309	408	29,242	5
Jun-92	394,436	58,290	301,445	6,442	238,956	155	77,366	418	32,466	5
Jul-92	395,223	58,245	324,001	6,447	209,996	148	76,967	402	27,043	5
Aug-92	406,685	58,352	343,108	6,451	207,028	148	82,569	401	29,125	5
Sep-92	399,861	58,440	336,356	6,446	255,799	149	87,490	402	40,403	5
Oct-92	363,137	58,509	318,828	6,443	240,756	149	84,711	400	41,065	5
Nov-92	349,225	58,498	303,701	6,452	236,810	153	78,387	404	33,691	5
Dec-92	365,293	58,472	298,000	6,438	220,311	154	73,196	406	27,276	5
Jan-93	384,509	58,216	283,356	6,419	253,364	154	75,486	424	26,894	5
Feb-93	351,285	58,188	266,399	6,404	253,739	154	73,467	425	19,788	5
Mar-93	346,340	58,305	268,612	6,418	218,773	153	71,069	423	21,500	5
Apr-93	355,457	58,302	278,564	6,423	257,911	155	71,813	423	24,056	5
May-93	371,192	58,344	287,893	6,431	272,711	153	78,866	427	25,495	5
Jun-93	399,264	58,443	311,647	6,463	264,079	155	80,312	426	30,293	5
Jul-93	435,937	58,548	353,675	6,483	275,187	153	90,267	434	38,950	5
Aug-93	469,615	58,631	393,033	6,489	275,220	154	97,872	437	44,258	5
Sep-93	455,971	58,614	391,536	6,499	309,709	155	99,411	438	48,070	5
Oct-93	431,032	58,644	340,763	6,494	311,682	157	104,167	451	43,047	5
Nov-93	371,645	58,642	299,265	6,498	376,839	155	88,486	461	30,935	5
Dec-93	380,511	58,604	295,668	6,481	282,796	149	78,691	438	24,385	5
Jan-94	379,789	58,587	273,607	6,471	299,643	149	82,375	437	25,570	5
Feb-94	403,576	58,488	284,092	6,463	320,066	150	79,360	437	32,794	5
Mar-94	355,512	58,493	275,068	6,472	326,168	150	78,629	439	23,295	5
Apr-94	362,408	58,538	276,196	6,479	291,037	152	81,440	442	27,147	5
May-94	369,636	58,585	283,475	6,501	281,763	151	77,770	445	26,631	5
Jun-94	416,815	58,743	317,836	6,532	294,828	153	79,694	464	32,210	5
Jul-94	419,028	58,791	350,715	6,544	296,393	153	101,974	473	38,937	5
Aug-94	398,311	58,864	342,204	6,559	274,856	152	92,900	474	28,448	5
Sep-94	397,679	58,876	338,380	6,557	294,669	153	95,391	476	25,930	6
Oct-94	385,172	58,979	336,257	6,567	269,813	153	95,250	496	27,809	6
Nov-94	352,260	59,012	287,720	6,565	237,728	151	79,832	465	24,025	6
Dec-94	378,696	59,086	299,236	6,582	231,836	151	82,107	467	26,103	6
Jan-95	350,157	59,025	256,742	6,570	226,192	151	74,220	468	20,580	6
Feb-95	363,200	58,970	277,787	6,564	240,916	151	74,630	470	23,477	6
Mar-95	363,217	59,035	280,461	6,572	241,804	151	73,357	477	22,818	6
Apr-95	372,467	59,141	286,172	6,612	228,769	153	73,175	474	26,816	6
May-95	408,227	59,288	313,276	6,641	258,357	157	83,288	482	28,199	6
Jun-95	421,357	59,394	326,915	6,659	261,289	155	86,846	484	27,736	6
Jul-95	441,568	59,423	353,676	6,696	267,033	155	90,148	487	28,567	6
Aug-95	450,295	59,371	365,957	6,703	226,769	156	94,589	487	36,958	6
Sep-95	426,860	59,397	362,533	6,678	251,084	156	99,143	485	46,602	6
Oct-95	382,085	59,409	318,100	6,700	249,281	158	88,974	484	24,780	6
Nov-95	364,332	59,411	306,651	6,711	221,629	154	83,229	483	28,246	6
Dec-95	374,844	59,350	292,545	6,685	225,021	157	77,353	485	25,483	6
Jan-96	289,909	59,318	214,113	6,667	225,642	153	76,103	485	24,126	6
Feb-96	283,941	59,316	215,687	6,660	216,671	154	77,424	484	25,658	6
Mar-96	279,754	59,212	212,819	6,646	222,364	154	73,923	484	23,047	6
Apr-96	270,532	59,243	209,433	6,654	227,108	154	75,149	488	23,331	6
May-96	277,680	59,261	224,328	6,707	234,365	153	78,271	484	24,854	6
Jun-96	322,257	59,376	250,201	6,748	239,468	154	86,169	503	35,677	6
Jul-96	354,742	59,450	280,651	6,765	262,572	155	96,416	518	31,463	6
Aug-96	344,806	59,469	292,947	6,752	255,485	158	100,460	517	54,888	6
Sep-96	309,126	59,382	262,563	6,759	253,876	155	100,260	520	33,276	6
Oct-96	282,748	59,368	238,906	6,752	228,141	154	96,113	520	29,813	6
Nov-96	267,356	59,263	220,990	6,773	221,750	156	86,452	520	31,210	6
Dec-96	281,344	59,315	220,353	6,772	232,368	156	83,321	512	25,979	6

Multi-Family Dwellings are included 100% with Residential from 1/87 through 9/94.

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Residential Quarterly Residential Monthly				Commercial Quarterly Commercial Monthly				Industrial Quarterly Industrial Monthly				OPA Quarterly OPA Monthly				OMU Quarterly OMU Monthly			
Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills		
Jan-87	1414	429	79	484	79	484	79	484	79	484	79	484	79	484	79	484	79		
Feb-87	1574	429	78	522	78	522	78	522	78	522	78	522	78	522	78	522	78		
Mar-87	1374	425	79	428	79	428	79	428	79	428	79	428	79	428	79	428	79		
Apr-87	1398	421	79	425	79	425	79	425	79	425	79	425	79	425	79	425	79		
May-87	1586	424	78	513	78	513	78	513	78	513	78	513	78	513	78	513	78		
Jun-87	1478	425	77	453	77	453	77	453	77	453	77	453	77	453	77	453	77		
Jul-87	1657	428	78	638	78	638	78	638	78	638	78	638	78	638	78	638	78		
Aug-87	1649	431	78	562	78	562	78	562	78	562	78	562	78	562	78	562	78		
Sep-87	1836	434	78	662	78	662	78	662	78	662	78	662	78	662	78	662	78		
Oct-87	1591	426	77	504	77	504	77	504	77	504	77	504	77	504	77	504	77		
Nov-87	1508	429	76	517	76	517	76	517	76	517	76	517	76	517	76	517	76		
Dec-87	1548	431	78	473	78	473	78	473	78	473	78	473	78	473	78	473	78		
Jan-88	1444	431	76	477	76	477	76	477	76	477	76	477	76	477	76	477	76		
Feb-88	1466	426	77	430	77	430	77	430	77	430	77	430	77	430	77	430	77		
Mar-88	1489	428	75	501	75	501	75	501	75	501	75	501	75	501	75	501	75		
Apr-88	1311	428	75	478	75	478	75	478	75	478	75	478	75	478	75	478	75		
May-88	1680	438	77	866	77	866	77	866	77	866	77	866	77	866	77	866	77		
Jun-88	1465	443	78	514	78	514	78	514	78	514	78	514	78	514	78	514	78		
Jul-88	1813	439	78	570	78	570	78	570	78	570	78	570	78	570	78	570	78		
Aug-88	1879	440	78	564	78	564	78	564	78	564	78	564	78	564	78	564	78		
Sep-88	1644	440	79	531	79	531	79	531	79	531	79	531	79	531	79	531	79		
Oct-88	1650	433	75	593	75	593	75	593	75	593	75	593	75	593	75	593	75		
Nov-88	1624	433	76	535	76	535	76	535	76	535	76	535	76	535	76	535	76		
Dec-88	1586	429	76	491	76	491	76	491	76	491	76	491	76	491	76	491	76		
Jan-89	1428	426	74	419	74	419	74	419	74	419	74	419	74	419	74	419	74		
Feb-89	1588	428	74	439	74	439	74	439	74	439	74	439	74	439	74	439	74		
Mar-89	1315	427	72	366	72	366	72	366	72	366	72	366	72	366	72	366	72		
Apr-89	1493	425	74	516	74	516	74	516	74	516	74	516	74	516	74	516	74		
May-89	1400	433	74	445	74	445	74	445	74	445	74	445	74	445	74	445	74		
Jun-89	1333	435	75	459	75	459	75	459	75	459	75	459	75	459	75	459	75		
Jul-89	1673	437	75	634	75	634	75	634	75	634	75	634	75	634	75	634	75		
Aug-89	1658	429	74	595	74	595	74	595	74	595	74	595	74	595	74	595	74		
Sep-89	1771	431	77	581	77	581	77	581	77	581	77	581	77	581	77	581	77		
Oct-89	1513	435	76	463	76	463	76	463	76	463	76	463	76	463	76	463	76		
Nov-89	1464	432	75	432	75	432	75	432	75	432	75	432	75	432	75	432	75		
Dec-89	1380	429	75	420	75	420	75	420	75	420	75	420	75	420	75	420	75		
Jan-90	1233	432	72	412	72	412	72	412	72	412	72	412	72	412	72	412	72		
Feb-90	2614	430	69	481	69	481	69	481	69	481	69	481	69	481	69	481	69		
Mar-90	1623	434	70	442	70	442	70	442	70	442	70	442	70	442	70	442	70		
Apr-90	1381	435	70	354	70	354	70	354	70	354	70	354	70	354	70	354	70		
May-90	1575	437	70	399	70	399	70	399	70	399	70	399	70	399	70	399	70		
Jun-90	1415	437	72	422	72	422	72	422	72	422	72	422	72	422	72	422	72		
Jul-90	1821	444	72	523	72	523	72	523	72	523	72	523	72	523	72	523	72		
Aug-90	1646	441	72	507	72	507	72	507	72	507	72	507	72	507	72	507	72		
Sep-90	1666	443	72	492	72	492	72	492	72	492	72	492	72	492	72	492	72		
Oct-90	1666	435	69	582	69	582	69	582	69	582	69	582	69	582	69	582	69		
Nov-90	1647	431	70	393	70	393	70	393	70	393	70	393	70	393	70	393	70		
Dec-90	1430	431	71	363	71	363	71	363	71	363	71	363	71	363	71	363	71		
Jan-91	1428	428	71	348	71	348	71	348	71	348	71	348	71	348	71	348	71		
Feb-91	1807	424	71	417	71	417	71	417	71	417	71	417	71	417	71	417	71		
Mar-91	1737	427	71	421	71	421	71	421	71	421	71	421	71	421	71	421	71		
Apr-91	1421	429	71	385	71	385	71	385	71	385	71	385	71	385	71	385	71		
May-91	1608	429	71	437	71	437	71	437	71	437	71	437	71	437	71	437	71		
Jun-91	1357	428	73	428	73	428	73	428	73	428	73	428	73	428	73	428	73		
Jul-91	1823	429	73	407	73	407	73	407	73	407	73	407	73	407	73	407	73		
Aug-91	1844	428	73	472	73	472	73	472	73	472	73	472	73	472	73	472	73		
Sep-91	1513	435	73	510	73	510	73	510	73	510	73	510	73	510	73	510	73		
Oct-91	1924	431	71	529	71	529	71	529	71	529	71	529	71	529	71	529	71		

Nov-91	1494	431	444	69
Dec-91	1695	428	458	69
Jan-92	1746	428	439	67
Feb-92	1810	434	486	68
Mar-92	1598	428	472	69
Apr-92	1508	433	437	69
May-92	1552	430	455	72
Jun-92	1784	433	542	73
Jul-92	1621	434	524	73
Aug-92	1704	431	568	73
Sep-92	1677	434	551	73
Oct-92	1702	428	524	72
Nov-92	1266	421	535	71
Dec-92	1594	419	485	71
Jan-93	1527	419	434	71
Feb-93	1942	420	581	71
Mar-93	1319	419	474	69
Apr-93	1447	422	426	69
May-93	1656	426	503	69
Jun-93	1340	427	436	70
Jul-93	1772	422	637	70
Aug-93	1615	425	546	72
Sep-93	2223	415	565	70
Oct-93	1425	415	448	68
Nov-93	1563	397	514	68
Dec-93	1289	387	417	68
Jan-94	1991	384	423	68
Feb-94	1792	383	406	69
Mar-94	1446	383	413	66
Apr-94	1304	389	318	66
May-94	1641	395	464	70
Jun-94	1466	400	551	70
Jul-94	1503	401	485	70
Aug-94	1655	400	475	71
Sep-94	1878	403	517	71
Oct-94	1619	406	431	71
Nov-94	1513	409	402	67
Dec-94	1601	399	419	64
Jan-95	1399	398	342	64
Feb-95	1834	402	415	64
Mar-95	1446	405	324	64
Apr-95	1517	407	354	65
May-95	1413	412	370	70
Jun-95	1506	415	418	70
Jul-95	1707	416	527	69
Aug-95	1703	416	575	69
Sep-95	1815	415	529	67
Oct-95	1489	411	434	69
Nov-95	1648	408	438	68
Dec-95	1538	401	454	67
Jan-96	1504	403	425	67
Feb-96	1672	400	405	67
Mar-96	1297	401	354	66
Apr-96	1472	402	370	67
May-96	1596	403	470	68
Jun-96	1467	410	484	72
Jul-96	1499	407	418	72
Aug-96	1698	408	578	69
Sep-96	1474	404	457	69
Oct-96	1548	402	417	67
Nov-96	1519	403	419	68
Dec-96	1408	396	359	67

Missouri-American Water Company

Sales and Customer Data

Toplin, NO

Zip Code: 64802

Combined Monthly and Quarterly

Info file is not broken down

	Residential		Quarterly Residential		Commercial		Monthly/Commercial		Quarterly Industrial		Monthly/Industrial		Quarterly		Monthly	
	Sales	Bill	Sales	Bill	Sales	Bill	Sales	Bill	Sales	Bill	Sales	Bill	Sales	Bill	Sales	Bill
Jan-87	76,291	15,047	65,723	2,468	65,723	2,468	65,723	2,468	65,723	2,468	65,723	2,468	65,723	2,468	65,723	2,468
Feb-87	81,739	15,039	64,983	2,459	64,983	2,459	64,983	2,459	64,983	2,459	64,983	2,459	64,983	2,459	64,983	2,459
Mar-87	69,469	15,075	54,318	2,467	54,318	2,467	54,318	2,467	54,318	2,467	54,318	2,467	54,318	2,467	54,318	2,467
Apr-87	72,680	15,091	66,040	2,479	66,040	2,479	66,040	2,479	66,040	2,479	66,040	2,479	66,040	2,479	66,040	2,479
May-87	87,580	15,134	46,250	2,488	46,250	2,488	46,250	2,488	46,250	2,488	46,250	2,488	46,250	2,488	46,250	2,488
Jun-87	81,372	15,169	65,804	2,500	65,804	2,500	65,804	2,500	65,804	2,500	65,804	2,500	65,804	2,500	65,804	2,500
Jul-87	92,276	15,199	75,109	2,516	75,109	2,516	75,109	2,516	75,109	2,516	75,109	2,516	75,109	2,516	75,109	2,516
Aug-87	119,430	15,176	87,460	2,514	87,460	2,514	87,460	2,514	87,460	2,514	87,460	2,514	87,460	2,514	87,460	2,514
Sep-87	94,603	15,249	77,177	2,537	77,177	2,537	77,177	2,537	77,177	2,537	77,177	2,537	77,177	2,537	77,177	2,537
Oct-87	97,939	15,298	78,349	2,526	78,349	2,526	78,349	2,526	78,349	2,526	78,349	2,526	78,349	2,526	78,349	2,526
Nov-87	93,949	15,285	72,342	2,511	72,342	2,511	72,342	2,511	72,342	2,511	72,342	2,511	72,342	2,511	72,342	2,511
Dec-87	73,849	15,303	60,040	2,512	60,040	2,512	60,040	2,512	60,040	2,512	60,040	2,512	60,040	2,512	60,040	2,512
Jan-88	79,918	15,372	59,357	2,500	59,357	2,500	59,357	2,500	59,357	2,500	59,357	2,500	59,357	2,500	59,357	2,500
Feb-88	87,323	15,394	62,917	2,495	62,917	2,495	62,917	2,495	62,917	2,495	62,917	2,495	62,917	2,495	62,917	2,495
Mar-88	73,103	15,508	53,881	2,509	53,881	2,509	53,881	2,509	53,881	2,509	53,881	2,509	53,881	2,509	53,881	2,509
Apr-88	74,599	15,527	41,499	2,513	41,499	2,513	41,499	2,513	41,499	2,513	41,499	2,513	41,499	2,513	41,499	2,513
May-88	89,108	15,552	64,364	2,529	64,364	2,529	64,364	2,529	64,364	2,529	64,364	2,529	64,364	2,529	64,364	2,529
Jun-88	85,352	15,601	68,237	2,534	68,237	2,534	68,237	2,534	68,237	2,534	68,237	2,534	68,237	2,534	68,237	2,534
Jul-88	104,246	15,625	77,404	2,545	77,404	2,545	77,404	2,545	77,404	2,545	77,404	2,545	77,404	2,545	77,404	2,545
Aug-88	143,464	15,642	81,599	2,532	81,599	2,532	81,599	2,532	81,599	2,532	81,599	2,532	81,599	2,532	81,599	2,532
Sep-88	107,572	15,860	69,404	2,354	69,404	2,354	69,404	2,354	69,404	2,354	69,404	2,354	69,404	2,354	69,404	2,354
Oct-88	98,834	15,843	48,245	2,340	48,245	2,340	48,245	2,340	48,245	2,340	48,245	2,340	48,245	2,340	48,245	2,340
Nov-88	108,141	15,814	63,597	2,340	63,597	2,340	63,597	2,340	63,597	2,340	63,597	2,340	63,597	2,340	63,597	2,340
Dec-88	75,350	15,852	56,197	2,372	56,197	2,372	56,197	2,372	56,197	2,372	56,197	2,372	56,197	2,372	56,197	2,372
Jan-89	83,467	15,868	61,847	2,374	61,847	2,374	61,847	2,374	61,847	2,374	61,847	2,374	61,847	2,374	61,847	2,374
Feb-89	87,745	15,867	57,116	2,342	57,116	2,342	57,116	2,342	57,116	2,342	57,116	2,342	57,116	2,342	57,116	2,342
Mar-89	77,174	15,909	59,380	2,363	59,380	2,363	59,380	2,363	59,380	2,363	59,380	2,363	59,380	2,363	59,380	2,363
Apr-89	83,341	15,898	66,684	2,345	66,684	2,345	66,684	2,345	66,684	2,345	66,684	2,345	66,684	2,345	66,684	2,345
May-89	83,975	15,938	45,845	2,365	45,845	2,365	45,845	2,365	45,845	2,365	45,845	2,365	45,845	2,365	45,845	2,365
Jun-89	90,226	15,972	47,953	2,371	47,953	2,371	47,953	2,371	47,953	2,371	47,953	2,371	47,953	2,371	47,953	2,371
Jul-89	103,584	15,960	74,367	2,368	74,367	2,368	74,367	2,368	74,367	2,368	74,367	2,368	74,367	2,368	74,367	2,368
Aug-89	107,639	15,975	74,192	2,375	74,192	2,375	74,192	2,375	74,192	2,375	74,192	2,375	74,192	2,375	74,192	2,375
Sep-89	100,959	15,974	70,810	2,376	70,810	2,376	70,810	2,376	70,810	2,376	70,810	2,376	70,810	2,376	70,810	2,376
Oct-89	97,632	16,017	71,387	2,377	71,387	2,377	71,387	2,377	71,387	2,377	71,387	2,377	71,387	2,377	71,387	2,377
Nov-89	94,737	16,008	63,178	2,369	63,178	2,369	63,178	2,369	63,178	2,369	63,178	2,369	63,178	2,369	63,178	2,369
Dec-89	82,596	16,022	62,447	2,369	62,447	2,369	62,447	2,369	62,447	2,369	62,447	2,369	62,447	2,369	62,447	2,369
Jan-90	89,441	16,067	63,833	2,380	63,833	2,380	63,833	2,380	63,833	2,380	63,833	2,380	63,833	2,380	63,833	2,380
Feb-90	87,874	16,110	55,922	2,390	55,922	2,390	55,922	2,390	55,922	2,390	55,922	2,390	55,922	2,390	55,922	2,390
Mar-90	80,806	16,143	60,733	2,400	60,733	2,400	60,733	2,400	60,733	2,400	60,733	2,400	60,733	2,400	60,733	2,400
Apr-90	78,720	16,170	61,102	2,410	61,102	2,410	61,102	2,410	61,102	2,410	61,102	2,410	61,102	2,410	61,102	2,410
May-90	80,159	16,093	60,346	2,412	60,346	2,412	60,346	2,412	60,346	2,412	60,346	2,412	60,346	2,412	60,346	2,412
Jun-90	81,749	16,093	62,658	2,410	62,658	2,410	62,658	2,410	62,658	2,410	62,658	2,410	62,658	2,410	62,658	2,410
Jul-90	91,037	16,130	74,660	2,412	74,660	2,412	74,660	2,412	74,660	2,412	74,660	2,412	74,660	2,412	74,660	2,412
Aug-90	109,376	16,154	74,616	2,430	74,616	2,430	74,616	2,430	74,616	2,430	74,616	2,430	74,616	2,430	74,616	2,430
Sep-90	110,503	16,166	73,557	2,413	73,557	2,413	73,557	2,413	73,557	2,413	73,557	2,413	73,557	2,413	73,557	2,413
Oct-90	116,676	16,179	73,862	2,412	73,862	2,412	73,862	2,412	73,862	2,412	73,862	2,412	73,862	2,412	73,862	2,412
Nov-90	107,511	16,190	58,827	2,405	58,827	2,405	58,827	2,405	58,827	2,405	58,827	2,405	58,827	2,405	58,827	2,405
Dec-90	84,350	16,205	58,091	2,401	58,091	2,401	58,091	2,401	58,091	2,401	58,091	2,401	58,091	2,401	58,091	2,401
Jan-91	86,848	16,223	63,839	2,389	63,839	2,389	63,839	2,389	63,839	2,389	63,839	2,389	63,839	2,389	63,839	2,389
Feb-91	89,670	16,231	56,254	2,395	56,254	2,395	56,254	2,395	56,254	2,395	56,254	2,395	56,254	2,395	56,254	2,395
Mar-91	82,337	16,236	55,556	2,398	55,556	2,398	55,556	2,398	55,556	2,398	55,556	2,398	55,556	2,398	55,556	2,398
Apr-91	85,281	16,252	64,604	2,406	64,604	2,406	64,604	2,406	64,604	2,406	64,604	2,406	64,604	2,406	64,604	2,406
May-91	85,279	16,243	61,030	2,403	61,030	2,403	61,030	2,403	61,030	2,403	61,030	2,403	61,030	2,403	61,030	2,403
Jun-91	86,428	16,272	64,050	2,405	64,050	2,405	64,050	2,405	64,050	2,405	64,050	2,405	64,050	2,405	64,050	2,405
Jul-91	111,853	16,310	85,805	2,408	85,805	2,408	85,805	2,408	85,805	2,408	85,805	2,408	85,805	2,408	85,805	2,408
Aug-91	145,442	16,359	75,790	2,408	75,790	2,408	75,790	2,408	75,790	2,408	75,790	2,408	75,790	2,408	75,790	2,408
Sep-91	124,921	16,389	74,483	2,401	74,483	2,401	74,483	2,401	74,483	2,401	74,483	2,401	74,483	2,401	74,483	2,401
Oct-91	128,819	16,435	74,874	2,391	74,874	2,391	74,874	2,391	74,874	2,391	74,874	2,391	74,874	2,391	74,874	2,391

Nov-91	112,451	16,435			58,935	2,377	
Dec-91	85,008	16,439			57,191	2,382	
Jan-92	89,452	16,427			61,334	2,371	
Feb-92	87,739	16,477			55,569	2,373	
Mar-92	77,800	16,486			57,891	2,388	
Apr-92	81,200	16,563			61,763	2,422	
May-92	90,804	16,584			57,424	2,488	
Jun-92	84,388	16,577			66,822	2,489	
Jul-92	96,458	16,699			73,199	2,506	
Aug-92	109,617	16,727			66,127	2,509	
Sep-92	93,601	16,754			72,065	2,512	
Oct-92	100,298	16,843			68,772	2,528	
Nov-92	107,404	16,891			59,125	2,532	
Dec-92	81,904	16,902			63,145	2,532	
Jan-93	87,749	16,892			58,527	2,524	
Feb-93	92,766	16,916			60,810	2,539	
Mar-93	76,546	16,976			70,381	2,548	
Apr-93	82,303	16,991			67,003	2,554	
May-93	92,014	17,018			61,058	2,556	
Jun-93	82,085	17,001			74,024	2,571	
Jul-93	90,888	17,050			72,304	2,580	
Aug-93	106,947	17,085			75,539	2,583	
Sep-93	100,368	17,087			77,086	2,582	
Oct-93	104,084	17,136			72,287	2,606	
Nov-93	111,585	17,141			62,989	2,611	
Dec-93	80,493	17,166			67,594	2,617	
Jan-94	86,440	17,217			62,446	2,613	
Feb-94	95,759	17,212			59,068	2,630	
Mar-94	83,916	17,229			58,219	2,666	
Apr-94	94,815	17,233			60,245	2,681	
May-94	90,142	17,245			62,497	2,734	
Jun-94	94,023	17,282			67,979	2,742	
Jul-94	118,412	17,351			88,106	2,748	
Aug-94	154,028	17,383			75,637	2,784	
Sep-94	120,489	17,392			89,003	2,790	
Oct-94	113,866	17,418			83,113	2,798	
Nov-94	121,094	17,483			76,795	2,793	
Dec-94	82,349	17,513			69,838	2,788	
Jan-95	86,691	17,549			67,183	2,780	
Feb-95	97,092	17,585			64,482	2,766	
Mar-95	83,455	17,663			70,012	2,774	
Apr-95	86,168	17,720			63,407	2,774	
May-95	99,968	17,695			66,028	2,847	
Jun-95	87,574	17,736			76,432	2,849	
Jul-95	98,916	17,693			80,225	2,881	
Aug-95	136,270	17,738			93,683	2,890	
Sep-95	124,655	17,772			94,701	2,892	
Oct-95	131,936	17,810			83,415	2,894	
Nov-95	159,648	17,816			76,475	2,906	
Dec-95	91,620	17,812			67,443	2,919	
Jan-96	86,927	5,602	154	2	20,760	715	50,791 459
Feb-96	107,548	6,420	118	2	22,626	866	47,327 465
Mar-96	91,820	5,769	121	2	21,007	879	46,118 465
Apr-96	95,110	5,602	156	2	23,738	716	50,131 463
May-96	113,753	6,471	143	2	23,706	885	51,605 461
Jun-96	85,646	5,769	184	2	22,288	879	55,616 468
Jul-96	116,440	5,627	179	2	25,099	724	66,216 467
Aug-96	159,571	6,494	197	2	27,018	903	63,581 470
Sep-96	118,732	5,789	165	2	29,563	877	56,339 469
Oct-96	115,971	5,634	112	1	25,227	736	57,290 470
Nov-96	133,542	6,531	101	1	27,091	911	47,479 466
Dec-96	88,770	5,816	102	1	22,603	879	45,619 467

Missouri-American Water Company

Sales and Customer Data

Mexico, MO 40% of Multi-Family Dwelling is in Residential and 36% is in Commercial from 197 through 1993

Zip Code: 65265 The Jan-Sep 1994 figures were corrected from 100% in Residential to these same percentages.

	Residential Quarterly		Residential Monthly		Commercial Quarterly		Commercial Monthly		Industrial Quarterly		Industrial Monthly		DPA Quarterly		DPA Monthly		OWU Quarterly		OWU Monthly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87			20,156	3,950			6,051	436												
Feb-87			18,964	3,949			6,092	432												
Mar-87			17,659	3,950			5,443	434												
Apr-87			17,490	3,956			5,684	437												
May-87			19,856	3,962			7,158	436												
Jun-87			20,917	3,975			6,773	441												
Jul-87			23,316	3,986			7,970	443												
Aug-87			22,867	3,979			7,994	442												
Sep-87			21,106	3,986			7,325	437												
Oct-87			19,345	4,001			6,581	440												
Nov-87			18,090	3,997			5,747	438												
Dec-87			19,927	3,995			6,165	433												
Jan-88			20,919	3,987			6,318	420												
Feb-88			19,922	3,992			6,148	419												
Mar-88			19,428	3,989			5,849	420												
Apr-88			18,756	3,988			5,717	423												
May-88			19,025	4,003			6,222	421												
Jun-88			24,075	4,009			6,492	425												
Jul-88			30,182	4,018			7,406	423												
Aug-88			26,760	4,013			7,859	425												
Sep-88			23,063	4,010			7,818	423												
Oct-88			21,152	4,013			6,827	426												
Nov-88			20,320	4,020			6,499	429												
Dec-88			20,726	4,031			6,379	429												
Jan-89			21,336	4,015			6,625	426												
Feb-89			19,479	4,005			6,079	421												
Mar-89			17,601	4,005			6,291	417												
Apr-89			18,298	4,007			6,163	424												
May-89			19,670	4,013			6,079	425												
Jun-89			21,975	4,019			7,265	431												
Jul-89			23,432	4,010			8,100	429												
Aug-89			22,833	4,014			8,067	431												
Sep-89			22,305	4,013			6,937	431												
Oct-89			19,847	4,032			6,517	432												
Nov-89			19,867	4,038			6,336	432												
Dec-89			21,192	4,035			6,587	432												
Jan-90			23,542	4,034			7,515	429												
Feb-90			18,906	4,020			6,133	428												
Mar-90			19,374	4,031			5,955	432												
Apr-90			17,696	4,033			6,052	436												
May-90			19,284	4,049			6,238	434												
Jun-90			21,070	4,064			7,156	432												
Jul-90			20,669	4,057			5,598	431												
Aug-90			21,075	4,069			7,841	434												
Sep-90			20,178	4,062			9,484	433												
Oct-90			13,699	4,062			7,312	429												
Nov-90			25,708	4,062			6,336	431												
Dec-90			19,743	4,039			7,046	427												
Jan-91			19,386	4,026			6,340	426												
Feb-91			22,148	4,034			7,008	425												
Mar-91			19,936	4,082			7,188	386												
Apr-91			19,518	4,054			6,386	425												
May-91			19,022	4,060			6,463	428												
Jun-91			21,305	4,058			7,091	430												
Jul-91			24,635	4,066			8,483	428												
Aug-91			24,415	4,059			8,049	431												
Sep-91			20,494	4,043			7,483	431												
Oct-91			20,658	4,051			6,893	430												

Nov-91	19,550	4,050	6,515	429
Dec-91	20,455	4,036	6,463	427
Jan-92	19,352	4,033	6,490	429
Feb-92	19,591	4,021	6,383	440
Mar-92	19,392	4,029	6,170	441
Apr-92	19,110	4,046	5,844	441
May-92	20,925	4,058	6,783	444
Jun-92	22,469	4,062	6,904	445
Jul-92	25,880	4,063	7,943	448
Aug-92	29,384	4,085	7,979	450
Sep-92	22,385	4,087	8,091	444
Oct-92	20,782	4,064	3,045	448
Nov-92	19,047	4,071	6,802	445
Dec-92	19,294	4,073	6,637	442
Jan-93	21,764	4,069	7,305	441
Feb-93	21,304	4,068	6,480	439
Mar-93	18,751	4,053	6,066	439
Apr-93	11,052	4,069	6,088	441
May-93	18,884	4,082	6,271	443
Jun-93	20,586	4,075	6,898	447
Jul-93	22,454	4,072	8,406	454
Aug-93	20,384	4,074	7,408	458
Sep-93	20,236	4,064	7,429	461
Oct-93	21,327	4,072	7,895	463
Nov-93	18,427	4,063	6,335	463
Dec-93	20,548	4,076	7,225	459
Jan-94	20,644	4,070	7,066	455
Feb-94	20,648	4,070	7,142	457
Mar-94	19,513	4,080	6,981	454
Apr-94	19,991	4,097	6,981	457
May-94	20,414	4,111	6,973	462
Jun-94	20,446	4,111	7,072	462
Jul-94	24,431	4,095	8,162	472
Aug-94	25,758	4,106	9,376	472
Sep-94	22,379	4,116	9,024	460
Oct-94	19,903	4,108	7,692	454
Nov-94	20,618	4,129	8,904	456
Dec-94	20,519	4,125	8,019	454
Jan-95	19,442	4,127	7,219	454
Feb-95	19,021	4,128	7,388	455
Mar-95	18,916	4,141	7,211	453
Apr-95	19,065	4,158	6,934	458
May-95	19,796	4,169	7,228	455
Jun-95	19,500	4,178	7,534	454
Jul-95	22,786	4,173	9,051	455
Aug-95	21,478	4,174	9,226	455
Sep-95	24,522	4,179	10,619	453
Oct-95	19,311	4,181	7,561	453
Nov-95	20,025	4,160	7,875	453
Dec-95	19,766	4,169	7,543	454
Jan-96	20,401	4,195	8,032	452
Feb-96	19,987	4,199	7,700	453
Mar-96	18,395	4,230	7,297	453
Apr-96	20,783	4,252	8,145	453
May-96	18,410	4,251	6,898	451
Jun-96	20,885	4,255	7,813	451
Jul-96	22,117	4,252	8,632	453
Aug-96	23,026	4,265	9,082	454
Sep-96	22,616	4,264	9,099	457
Oct-96	18,927	4,272	8,131	455
Nov-96	20,451	4,261	8,631	457
Dec-96	18,391	4,260	7,230	455

Nov-91	28,229	3,429	6,320	243
Dec-91	25,753	3,439	5,385	268
Jan-92	24,911	3,444	4,853	268
Feb-92	26,445	3,442	4,990	267
Mar-92	24,005	3,453	4,922	267
Apr-92	24,384	3,460	4,737	265
May-92	28,123	3,474	5,338	268
Jun-92	31,480	3,477	6,034	271
Jul-92	33,897	3,485	6,581	270
Aug-92	28,454	3,493	5,967	270
Sep-92	28,937	3,508	5,484	270
Oct-92	29,581	3,521	6,028	267
Nov-92	27,048	3,533	5,534	262
Dec-92	26,308	3,531	4,611	262
Jan-93	26,333	3,540	4,845	263
Feb-93	28,547	3,551	4,744	264
Mar-93	25,234	3,567	4,698	265
Apr-93	23,436	3,587	4,168	245
May-93	25,534	3,595	4,919	266
Jun-93	25,042	3,598	5,144	269
Jul-93	34,923	3,602	5,793	270
Aug-93	27,832	3,600	5,484	267
Sep-93	28,204	3,611	4,629	264
Oct-93	26,629	3,621	5,111	257
Nov-93	26,024	3,628	4,758	257
Dec-93	25,224	3,625	4,745	253
Jan-94	25,935	3,628	4,878	252
Feb-94	27,193	3,637	4,873	253
Mar-94	26,058	3,637	4,831	259
Apr-94	26,553	3,646	5,399	260
May-94	26,894	3,675	5,729	260
Jun-94	34,569	3,669	6,091	263
Jul-94	42,184	3,669	7,685	265
Aug-94	38,984	3,681	8,980	267
Sep-94	34,131	3,692	6,453	268
Oct-94	34,024	3,700	9,403	269
Nov-94	28,914	3,643	6,110	281
Dec-94	29,237	3,698	4,095	282
Jan-95	22,580	3,703	9,409	283
Feb-95	25,666	3,717	6,340	275
Mar-95	29,326	3,729	6,529	278
Apr-95	24,310	3,744	6,739	278
May-95	25,218	3,742	6,641	281
Jun-95	28,340	3,758	7,255	278
Jul-95	40,039	3,755	8,814	279
Aug-95	43,124	3,766	9,119	280
Sep-95	40,146	3,776	10,479	277
Oct-95	34,694	3,780	8,311	281
Nov-95	30,991	3,775	7,823	280
Dec-95	37,420	3,785	7,771	281
Jan-96	18,355	3,785	8,156	279
Feb-96	27,502	3,785	7,461	280
Mar-96	27,734	3,801	8,939	279
Apr-96	29,530	3,801	7,445	279
May-96	30,903	3,799	6,929	277
Jun-96	30,897	3,822	6,273	276
Jul-96	37,141	3,821	9,032	277
Aug-96	34,560	3,825	9,884	275
Sep-96	34,840	3,838	9,606	278
Oct-96	29,480	3,828	7,545	275
Nov-96	27,614	3,833	7,211	277
Dec-96	27,517	3,841	7,648	279

Missouri-American Water Company

Sales and Customer Data

St. Charles District - Cottleville, Multi Family is 100% included in Commercial starting in 1986

Zip Code: 63338

	Residential Quarterly		Residential Monthly		Commercial Quarterly		Commercial Monthly		Industrial Quarterly		Industrial Monthly		OPA Quarterly		OPA Monthly		OUU Quarterly		OUU Monthly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87			101,849	14,484			18,177	515												
Feb-87			96,338	14,593			19,715	521												
Mar-87			93,388	14,728			19,357	523												
Apr-87			95,383	14,860			17,444	524												
May-87			134,173	14,973			20,327	525												
Jun-87			198,212	15,103			28,481	530												
Jul-87			189,238	15,208			30,381	537												
Aug-87			198,739	15,332			29,969	539												
Sep-87			164,687	15,433			25,748	536												
Oct-87			142,912	15,540			22,364	535												
Nov-87			111,362	15,554			19,919	541												
Dec-87			107,003	15,620			21,123	541												
Jan-88			110,594	15,668			21,417	541												
Feb-88			103,389	15,711			19,153	538												
Mar-88			103,016	15,745			18,582	543												
Apr-88			103,807	15,845			19,313	549												
May-88			148,577	15,904			22,825	561												
Jun-88			237,289	15,987			31,821	566												
Jul-88			279,261	16,060			37,098	580												
Aug-88			191,079	16,141			25,127	579												
Sep-88			171,259	16,190			31,347	582												
Oct-88			146,172	16,286			23,506	584												
Nov-88			121,062	16,328			22,090	579												
Dec-88			108,686	16,302			19,714	584												
Jan-89			116,541	16,378			21,706	589												
Feb-89			100,416	16,412			17,629	584												
Mar-89			98,111	16,453			18,466	590												
Apr-89			109,317	16,511			20,022	595												
May-89			126,587	16,523			19,695	596												
Jun-89			165,707	16,567			26,148	598												
Jul-89			206,210	16,602			29,245	600												
Aug-89			218,470	16,604			29,914	605												
Sep-89			160,260	16,686			26,574	606												
Oct-89			130,371	16,747			25,604	609												
Nov-89			132,089	16,807			23,212	609												
Dec-89			118,819	16,811			22,309	611												
Jan-90			122,822	16,860			24,365	612												
Feb-90			109,199	16,903			21,144	612												
Mar-90			103,046	16,936			19,376	613												
Apr-90			106,430	16,978			19,995	615												
May-90			114,935	17,017			20,594	613												
Jun-90			122,179	17,060			22,814	617												
Jul-90			187,140	17,122			28,694	615												
Aug-90			135,624	17,186			31,541	619												
Sep-90			176,781	17,234			31,553	622												
Oct-90			171,941	17,302			33,253	628												
Nov-90			116,344	17,343			23,236	628												
Dec-90			117,151	17,374			24,692	624												
Jan-91			112,640	17,401			20,221	630												
Feb-91			123,338	17,449			23,744	632												
Mar-91			113,458	17,463			21,811	623												
Apr-91			115,487	17,491			20,278	627												
May-91			121,119	17,554			23,916	633												
Jun-91			159,993	17,604			26,882	634												
Jul-91			238,376	17,652			35,270	637												
Aug-91			207,176	17,699			33,377	639												
Sep-91			193,493	17,730			32,827	645												
Oct-91			154,734	17,814			25,105	647												

Nov-91	124,118	17,880	27,926	642
Dec-91	119,215	17,894	23,786	641
Jan-92	119,685	17,924	24,177	644
Feb-92	100,444	17,967	22,181	645
Mar-92	131,936	18,010	25,078	645
Apr-92	113,931	18,069	22,484	643
May-92	137,977	18,115	25,362	648
Jun-92	175,593	18,163	28,263	654
Jul-92	230,900	18,232	35,817	654
Aug-92	210,776	18,305	33,668	653
Sep-92	193,131	18,366	31,021	655
Oct-92	157,185	18,412	28,157	653
Nov-92	113,517	18,534	22,675	654
Dec-92	126,452	18,567	23,035	654
Jan-93	104,837	18,607	24,619	651
Feb-93	124,423	18,656	24,445	650
Mar-93	106,196	18,680	21,405	651
Apr-93	118,695	18,753	23,427	652
May-93	124,848	18,813	24,314	651
Jun-93	147,846	18,858	27,540	671
Jul-93	162,644	18,904	29,203	669
Aug-93	147,384	18,873	30,368	760
Sep-93	159,512	18,905	29,504	823
Oct-93	144,884	19,007	33,287	822
Nov-93	121,755	19,091	24,661	835
Dec-93	127,779	19,191	26,489	837
Jan-94	127,647	19,160	25,602	846
Feb-94	129,532	19,252	26,204	844
Mar-94	126,774	19,319	25,332	854
Apr-94	123,984	19,380	26,930	880
May-94	138,506	19,448	27,980	885
Jun-94	186,751	19,521	32,763	885
Jul-94	243,769	19,593	42,384	893
Aug-94	219,088	19,487	42,157	907
Sep-94	213,700	19,779	41,447	925
Oct-94	199,359	20,083	21,947	718
Nov-94	146,605	20,298	15,172	607
Dec-94	155,294	20,509	13,112	577
Jan-95	157,458	20,711	12,773	455
Feb-95	134,634	20,775	11,253	453
Mar-95	150,627	20,784	13,400	556
Apr-95	144,720	20,833	22,798	574
May-95	139,582	20,897	22,091	562
Jun-95	173,129	21,017	23,484	566
Jul-95	243,848	21,108	30,339	568
Aug-95	231,947	21,197	33,350	570
Sep-95	261,810	21,179	39,878	685
Oct-95	202,112	21,252	32,837	688
Nov-95	158,592	21,354	29,437	686
Dec-95	148,044	21,448	27,631	680
Jan-96	146,896	21,473	26,434	679
Feb-96	132,153	21,530	24,330	682
Mar-96	130,763	21,629	24,593	681
Apr-96	139,940	21,730	25,679	683
May-96	149,778	21,833	25,020	688
Jun-96	186,410	21,912	30,286	695
Jul-96	263,003	22,002	35,850	698
Aug-96	251,932	22,102	37,076	707
Sep-96	289,941	22,200	42,305	704
Oct-96	192,220	22,287	30,998	709
Nov-96	150,148	22,377	29,536	717
Dec-96	145,636	22,460	24,867	721

Missouri-American Water Company
Sales and Customer Data
St. Joseph, MO
Zip Code: 64506

Combined Monthly and Quarterly
Info file is not broken down

	Residential Quarterly		Residential Monthly		Total		Commercial Monthly		Commercial Quarterly		Industrial Monthly		Industrial Quarterly		OPA Monthly		OPA Quarterly		OWU Monthly		OWU Quarterly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87	153,056	23,672			73,740	3,118																
Feb-87	77,203	23,664			59,479	3,121																
Mar-87	126,323	23,673			54,390	3,126																
Apr-87	144,789	23,698			68,305	3,135																
May-87	80,808	23,743			67,855	3,140																
Jun-87	143,783	23,761			68,468	3,143																
Jul-87	193,091	23,761			93,932	3,153																
Aug-87	99,554	23,785			96,303	3,155																
Sep-87	160,258	23,788			69,736	3,164																
Oct-87	190,858	23,763			89,349	3,156																
Nov-87	84,754	23,735			72,092	3,134																
Dec-87	130,321	23,747			53,487	3,127																
Jan-88	153,919	23,742			67,768	3,117																
Feb-88	78,880	23,769			62,749	3,117																
Mar-88	129,927	23,808			54,297	3,139																
Apr-88	152,403	23,818			72,902	3,142																
May-88	83,738	23,822			78,156	3,139																
Jun-88	157,173	23,886			76,305	3,140																
Jul-88	258,032	23,898			110,079	3,149																
Aug-88	121,517	23,919			109,012	3,145																
Sep-88	190,791	23,921			85,212	3,151																
Oct-88	233,150	23,994			102,798	3,148																
Nov-88	96,555	23,976			79,632	3,135																
Dec-88	136,419	23,982			56,754	3,120																
Jan-89	160,642	23,960			74,972	3,118																
Feb-89	81,070	23,973			66,143	3,123																
Mar-89	129,482	24,013			53,384	3,134																
Apr-89	150,223	24,036			70,501	3,137																
May-89	87,380	24,032			73,647	3,145																
Jun-89	153,461	24,039			63,511	3,143																
Jul-89	217,040	24,091			94,273	3,155																
Aug-89	109,187	24,104			99,700	3,164																
Sep-89	173,142	24,113			76,560	3,153																
Oct-89	222,298	24,153			88,127	3,148																
Nov-89	89,358	24,147			73,608	3,123																
Dec-89	132,710	24,131			58,301	3,109																
Jan-90	165,385	24,129			74,535	3,100																
Feb-90	85,175	24,156			65,097	3,091																
Mar-90	133,829	24,179			56,382	3,108																
Apr-90	146,434	24,210			64,818	3,117																
May-90	81,673	24,179			67,888	3,123																
Jun-90	138,569	24,199			63,377	3,129																
Jul-90	192,111	24,223			93,296	3,133																
Aug-90	103,213	24,240			87,886	3,141																
Sep-90	164,127	24,225			83,542	3,148																
Oct-90	216,704	24,194			96,311	3,132																
Nov-90	96,643	24,191			74,310	3,114																
Dec-90	130,919	24,189			59,628	3,110																
Jan-91	162,460	24,173			73,254	3,098																
Feb-91	85,728	24,147			65,699	3,131																
Mar-91	130,139	24,157			57,367	3,139																
Apr-91	147,198	24,191			74,808	3,164																
May-91	85,999	24,206			72,170	3,162																
Jun-91	143,290	24,242			72,949	3,165																
Jul-91	207,315	24,246			115,877	3,170																
Aug-91	117,854	24,269			105,952	3,159																
Sep-91	174,747	24,297			93,897	3,151																
Oct-91	241,795	24,269			104,972	3,143																

Nov-91	101,496	24,254		80,638	3,126	
Dec-91	130,477	24,273		61,478	3,123	
Jan-92	159,100	24,273		77,683	3,110	
Feb-92	85,923	24,279		66,820	3,117	
Mar-92	131,950	24,299		56,147	3,134	
Apr-92	148,740	24,332		74,050	3,149	
May-92	88,539	24,342		70,362	3,160	
Jun-92	146,628	26,068		73,155	3,204	
Jul-92	203,320	26,102		96,928	3,210	
Aug-92	135,476	26,117		89,097	3,210	
Sep-92	149,737	26,144		82,377	3,224	
Oct-92	185,309	26,132		95,370	3,212	
Nov-92	118,928	26,141		74,769	3,187	
Dec-92	129,772	26,118		59,096	3,171	
Jan-93	156,803	26,131		76,995	3,161	
Feb-93	115,930	26,148		64,485	3,165	
Mar-93	132,985	26,170		56,371	3,175	
Apr-93	150,470	26,218		76,504	3,192	
May-93	113,797	26,284		72,240	3,208	
Jun-93	138,793	26,327		68,974	3,205	
Jul-93	183,360	26,313		95,870	3,202	
Aug-93	127,198	26,333		76,996	3,200	
Sep-93	146,598	26,365		85,067	3,199	
Oct-93	173,385	26,356		87,340	3,190	
Nov-93	121,784	26,364		76,752	3,165	
Dec-93	129,979	26,362		60,617	3,156	
Jan-94	153,105	26,362		77,582	3,148	
Feb-94	112,339	26,346		64,005	3,139	
Mar-94	132,888	26,361		55,321	3,150	
Apr-94	152,831	26,370		79,138	3,168	
May-94	120,140	26,389		71,229	3,181	
Jun-94	147,171	26,418		73,211	3,189	
Jul-94	194,892	26,449		104,945	3,194	
Aug-94	155,718	26,489		97,836	3,195	
Sep-94	160,322	26,495		90,666	3,199	
Oct-94	207,992	26,517		98,220	3,196	
Nov-94	132,448	26,525		77,261	3,173	
Dec-94	130,954	26,513		60,775	3,164	
Jan-95	155,472	26,519		79,612	3,173	
Feb-95	118,486	26,486		62,838	3,171	
Mar-95	136,128	26,524		54,807	3,187	
Apr-95	149,915	26,557		78,847	3,199	
May-95	118,860	26,574		69,190	3,211	
Jun-95	142,622	26,670		61,326	3,208	
Jul-95	185,855	26,714		99,857	3,210	
Aug-95	150,042	26,745		100,085	3,206	
Sep-95	159,068	26,760		92,632	3,197	
Oct-95	209,795	26,795		102,457	3,194	
Nov-95	134,096	26,748		82,125	3,167	
Dec-95	132,459	26,747		56,960	3,142	
Jan-96	160,481	10,003	113	18	37,622	1,086 43,135 278
Feb-96	118,055	7,667	96	18	25,551	1,107 38,142 278
Mar-96	136,581	9,019	106	18	18,303	677 39,446 276
Apr-96	162,048	10,057	131	18	37,675	1,095 42,000 281
May-96	129,971	7,627	136	18	33,438	1,118 44,513 291
Jun-96	140,104	9,071	132	18	19,127	675 43,045 291
Jul-96	173,700	10,041	156	18	42,999	1,062 57,758 291
Aug-96	141,794	7,655	149	18	35,875	1,157 61,007 292
Sep-96	154,426	9,063	190	18	25,138	673 62,348 296
Oct-96	197,301	10,054	114	18	49,561	1,045 42,789 295
Nov-96	135,695	7,669	110	18	32,655	1,157 44,335 295
Dec-96	133,454	9,062	110	18	18,024	667 40,430 292

Missouri American Water
Sales and Customer Data

Warrensburg, MO Starting in 1986, 100% of Multi Family Dwelling is included in Commercial.
Zip Code: 64093

64093

	Residential Quarterly		Residential Monthly		Commercial Quarterly		Commercial Monthly		Industrial Quarterly		Industrial Monthly		OPA Quarterly		OPA Monthly		QDU Quarterly		QDU Monthly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87	20,498	3,833	11,532	533																
Feb-87	21,689	3,859	10,868	535																
Mar-87	17,806	3,864	9,085	542																
Apr-87	18,848	3,864	11,924	549																
May-87	22,334	3,871	10,814	551																
Jun-87	26,431	3,805	11,296	554																
Jul-87	21,623	3,828	11,275	558																
Aug-87	25,648	3,830	12,213	558																
Sep-87	23,558	3,911	12,531	554																
Oct-87	22,130	3,939	11,521	559																
Nov-87	21,282	3,939	11,877	562																
Dec-87	20,810	3,979	12,925	534																
Jan-88	21,723	3,935	12,718	526																
Feb-88	21,026	3,945	12,870	527																
Mar-88	20,558	3,946	12,338	522																
Apr-88	20,408	3,943	11,981	522																
May-88	22,835	3,934	11,415	532																
Jun-88	28,092	3,902	12,921	536																
Jul-88	31,931	3,897	12,994	540																
Aug-88	31,334	3,882	12,399	543																
Sep-88	24,805	4,020	14,254	546																
Oct-88	24,837	4,051	12,817	551																
Nov-88	23,785	4,069	13,704	554																
Dec-88	22,794	4,105	13,210	554																
Jan-89	21,919	4,110	13,663	557																
Feb-89	20,355	4,123	13,114	555																
Mar-89	17,390	4,136	12,729	552																
Apr-89	22,018	4,140	12,137	557																
May-89	25,612	4,151	12,913	560																
Jun-89	23,726	4,096	11,463	565																
Jul-89	23,576	4,093	12,354	571																
Aug-89	25,822	4,101	12,675	568																
Sep-89	25,260	4,218	14,762	568																
Oct-89	22,710	4,242	13,526	567																
Nov-89	23,413	4,248	13,960	569																
Dec-89	22,923	4,247	14,042	568																
Jan-90	26,942	4,230	16,112	568																
Feb-90	20,015	4,248	12,390	568																
Mar-90	21,404	4,244	12,391	566																
Apr-90	18,843	4,273	12,458	566																
May-90	19,857	4,243	14,456	570																
Jun-90	19,707	4,170	11,226	573																
Jul-90	21,039	4,166	13,172	575																
Aug-90	22,012	4,194	15,948	579																
Sep-90	63,168	4,312	12,935	575																
Oct-90	27,655	4,347	12,785	582																
Nov-90	21,835	4,353	11,711	586																
Dec-90	22,555	4,366	11,522	585																
Jan-91	23,751	4,351	15,826	586																
Feb-91	21,524	4,370	13,230	588																
Mar-91	20,403	4,371	11,845	588																
Apr-91	11,847	4,377	12,362	588																
May-91	23,120	4,366	13,261	591																
Jun-91	22,200	4,303	11,485	592																
Jul-91	28,057	4,288	12,371	591																
Aug-91	35,759	4,317	13,957	589																
Sep-91	30,111	4,464	15,378	595																
Oct-91	25,975	4,491	13,443	596																

Nov-91	24,639	4,485	13,974	594
Dec-91	22,801	4,486	13,335	595
Jan-92	23,235	4,490	14,279	601
Feb-92	21,414	4,493	11,676	602
Mar-92	23,393	4,502	13,744	604
Apr-92	22,087	4,533	13,112	597
May-92	25,289	4,496	17,876	595
Jun-92	26,697	4,446	13,537	596
Jul-92	28,371	4,444	14,438	597
Aug-92	25,268	4,511	13,297	599
Sep-92	40,478	4,613	15,669	601
Oct-92	36,479	4,420	16,190	599
Nov-92	27,041	4,629	17,031	600
Dec-92	27,067	4,639	13,393	600
Jan-93	22,907	4,404	12,812	578
Feb-93	24,447	4,444	15,777	598
Mar-93	22,311	4,659	12,623	595
Apr-93	22,562	4,664	15,405	609
May-93	22,872	4,622	14,693	610
Jun-93	22,877	4,566	14,980	611
Jul-93	25,894	4,597	15,958	611
Aug-93	23,958	4,613	14,197	615
Sep-93	29,417	4,726	16,956	614
Oct-93	25,730	4,740	14,852	614
Nov-93	23,871	4,758	19,427	613
Dec-93	25,612	4,772	15,017	611
Jan-94	24,022	4,759	15,958	540
Feb-94	24,178	4,769	14,760	541
Mar-94	24,323	4,769	15,342	543
Apr-94	23,317	4,782	14,133	541
May-94	24,047	4,777	14,798	545
Jun-94	27,942	4,729	15,748	551
Jul-94	30,421	4,746	15,033	553
Aug-94	32,438	4,778	17,109	549
Sep-94	30,557	4,880	16,809	554
Oct-94	31,863	4,990	13,475	453
Nov-94	32,811	5,046	10,622	393
Dec-94	32,811	5,046	10,422	393
Jan-95	30,741	5,053	8,451	394
Feb-95	32,280	5,053	9,281	397
Mar-95	31,173	5,072	8,564	394
Apr-95	30,634	5,065	8,626	395
May-95	28,732	5,032	7,942	394
Jun-95	28,732	5,019	7,942	393
Jul-95	35,319	5,045	9,553	395
Aug-95	33,669	4,962	12,216	557
Sep-95	34,156	4,956	15,134	567
Oct-95	27,802	4,952	14,144	568
Nov-95	27,939	4,945	14,463	572
Dec-95	24,246	4,924	14,137	571
Jan-96	23,052	4,891	13,040	571
Feb-96	24,717	4,911	16,578	569
Mar-96	23,810	4,931	14,608	570
Apr-96	25,203	4,929	14,517	576
May-96	26,808	4,894	14,119	574
Jun-96	27,722	4,866	19,090	570
Jul-96	30,119	4,894	11,043	570
Aug-96	28,221	4,941	14,926	569
Sep-96	22,477	5,010	16,096	572
Oct-96	27,454	5,049	14,295	576
Nov-96	25,165	5,040	13,515	578
Dec-96	24,438	5,047	13,589	580

Commercial & Industrial are combined Monthly and Bi-monthly

Other is Monthly and Bimonthly OPA and ODU

Exhibit																				Sched																			
Page																				19 of																			
Residential				Blinthly/Residential				Commercial				Commercial Monthly				Combined Commercial				Industrial				Industrial Monthly				Combined Other				OPA Monthly				QOU Monthly			
Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills		Sales		# Bills					
Jan-87																																							
Feb-87																																							
Mar-87																																							
Apr-87																																							
May-87																																							
Jun-87																																							
Jul-87																																							
Aug-87																																							
Sep-87																																							
Oct-87																																							
Nov-87																																							
Dec-87																																							
Jan-88	47557	10131	24039	1449				40386	70					3024	77																								
Feb-88	49479	10122	25416	1449				53066	70					3169	77																								
Mar-88	49705	10117	25110	1456				43667	71					3587	75																								
Apr-88	49825	10155	25105	1453				44156	71					3732	81																								
May-88	32509	5119	23348	117				46309	66					4086	85																								
Jun-88	45805	5084	24446	117				46476	64					2708	86																								
Jul-88	58437	5231	32420	117				51986	68					4393	89																								
Aug-88	58224	5097	24526	117				58431	65					4193	88																								
Sep-88	58473	5248	31433	117				44477	64					3881	86																								
Oct-88	52488	5088	23906	117				44703	64					3612	79																								
Nov-88	50803	5217	24781	117				42281	64					3940	77																								
Dec-88	49069	5306	22571	117				47921	65					3871	75																								
Jan-89	52106	5219	23155	926				44206	70					3039	75																								
Feb-89	49223	5325	16333	634				42894	66					11944	76																								
Mar-89	47098	5254	21404	921				45024	69					11483	82																								
Apr-89	48170	5329	19519	642				40871	66					8920	88																								
May-89	47592	5182	22879	929				54899	70					8616	89																								
Jun-89	51166	5466	21051	645				57803	66					9478	93																								
Jul-89	56231	5275	22989	955				53083	70					7110	93																								
Aug-89	55623	5379	22244	652				51500	69					8871	90																								
Sep-89	57791	5274	27759	935				44866	71					6034	88																								
Oct-89	53115	5377	19524	654				47905	68					5408	82																								
Nov-89	49896	5257	23063	941				45651	72					3473	80																								
Dec-89	50000	5338	20819	645				46166	69					2907	82																								
Jan-90	51157	5359	23823	939				44256	72					3613	80																								
Feb-90	51636	5324	18834	651				40310	68					3364	81																								
Mar-90	48206	5245	21265	934				49111	72					3454	84																								
Apr-90	48198	5345	18123	656				43372	70					3637	93																								
May-90	57984	5270	21838	928				50950	70					4367	94																								
Jun-90	45252	5403	21230	660				55939	70					3825	95																								
Jul-90	57701	5298	27653	929				50921	70					4049	96																								
Aug-90	56108	5421	21558	661				44040	70					4410	96																								
Sep-90	55530	5294	26865	922				42015	70					4040	94																								
Oct-90	50529	5435	17115	661				43850	69					3742	85																								
Nov-90	49682	5279	22265	918				41927	69					3557	84																								
Dec-90	50009	5390	17476	654				42610	70					5222	84																								
Jan-91	51292	5299	23579	912				46494	70					3492	90																								
Feb-91	50522	5367	17256	650				36507	69					3852	85																								
Mar-91	47825	5295	20065	909				47357	70					3386	88																								
Apr-91	46449	5390	16323	652				42935	70					4423	96																								
May-91	51077	5315	24268	913				50764	70					4556	94																								
Jun-91	56399	5438	19985	660				53093	70					9083	97																								
Jul-91	60540	5315	27487	922				47149	70					11939	98																								
Aug-91	5436	5436	24366	456				37207	70					4308	95																								
Sep-91	60348	5301	27745	916																																			
Oct-91	52919	5437	19746	656																																			

Nov-91	50370	5283	22145	918	40283	70	4700	90
Dec-91	50521	5425	19991	664	43368	70	4332	88
Jan-92	50810	5282	21127	912	35796	72	4289	88
Feb-92	51683	5425	18511	667	39423	72	4881	88
Mar-92	48127	5278	20483	920	29922	72	4445	88
Apr-92	48941	5452	17979	678	30043	72	4844	89
May-92	50379	5313	21952	931	24628	72	4936	97
Jun-92	54049	5487	20847	684	28740	72	5490	96
Jul-92	56879	5329	25521	944	29308	72	7096	100
Aug-92	57808	5504	23411	686	33127	72	5502	100
Sep-92	53040	5316	23848	963	18167	72	5047	98
Oct-92	52032	5507	19446	719	33104	71	6182	96
Nov-92	49804	5310	21756	986	25304	71	5591	92
Dec-92	49415	5468	18138	723	25977	71	4594	88
Jan-93	50921	5288	20629	988	26633	72	3520	86
Feb-93	51114	5471	18486	729	30789	72	4017	86
Mar-93	45194	5297	19852	989	26706	72	4083	87
Apr-93	50683	5488	18556	744	29921	72	4597	92
May-93	51525	5314	22004	998	29598	72	4812	97
Jun-93	52821	5531	19543	750	30406	72	5357	99
Jul-93	56444	5354	27321	1000	33337	72	8022	100
Aug-93	59805	5534	22293	754	30538	72	9189	101
Sep-93	57240	5353	27425	1000	31024	72	9140	101
Oct-93	55146	5529	19846	743	26307	72	7373	96
Nov-93	49372	5332	22697	990	26128	72	5574	92
Dec-93	50922	5507	17979	745	27838	73	6341	89
Jan-94	51678	5340	21819	991	28888	72	6349	89
Feb-94	52393	5499	20216	747	34866	71	6993	89
Mar-94	47713	5330	22440	991	31460	71	4847	89
Apr-94	51693	5528	20816	750	32797	71	6550	92
May-94	50725	5349	22376	994	27421	71	6037	97
Jun-94	53735	5565	20824	758	27066	71	10906	98
Jul-94	57736	5361	26441	1001	28250	71	9759	100
Aug-94	57157	5580	23349	758	30827	71	10013	100
Sep-94	54721	5355	26943	1000	28243	70	10819	101
Oct-94	55084	5578	21423	754	26487	70	7893	98
Nov-94	49574	5359	23341	988	21369	70	9805	92
Dec-94	50031	5553	17710	747	23176	70	9790	89
Jan-95	52111	5361	21641	997	21902	70	12388	88
Feb-95	52067	5564	18679	752	27485	70	36803	87
Mar-95	48079	5358	21831	993	23211	70	56485	87
Apr-95	50798	5584	19855	752	27078	71	58746	91
May-95	49408	5375	21616	1002	23707	71	66347	98
Jun-95	53613	5619	20550	760	30033	71	68812	98
Jul-95	57693	5402	27093	1005	38205	70	72654	98
Aug-95	58849	5632	24246	764	36232	70	75442	98
Sep-95	59342	5403	28418	1006	21818	70	54490	101
Oct-95	57824	5639	23757	763	29888	70	64914	100
Nov-95	49997	5395	20442	997	24185	70	73674	93
Dec-95	51122	5606	17552	758	26664	70	67383	88
Jan-96	50773	5388	20238	995	29344	70	54921	88
Feb-96	52104	5607	20342	757	32493	70	60550	88
Mar-96	49444	5380	21015	992	28612	70	63805	87
Apr-96	49393	5621	17585	761	31827	70	58151	90
May-96	48326	5408	21285	991	28968	69	69466	98
Jun-96	54373	5662	21722	768	33982	70	70793	101
Jul-96	54783	5414	25316	1001	30310	70	71849	103
Aug-96	55791	5669	23989	767	36170	70	70892	101
Sep-96	56605	5411	26472	988	365155	70	69234	101
Oct-96	53125	5669	19997	767	28973	70	73093	98
Nov-96	48608	5414	22033	980	31475	70	62288	92
Dec-96	50651	5627	17733	760	29353	70	62877	91

Zip Code: 45619

Commercial & Industrial are combined Monthly and Bi-monthly

Other is Monthly and Bimonthly GPA and OGU

[illegible][illegible]

Nov-91	14,589	1,443	4,060	149	487	13
Dec-91	12,207	1,229	3,854	93	440	12
Jan-92	13,754	1,448	3,689	149	418	12
Feb-92	11,675	1,234	3,434	91	431	12
Mar-92	13,767	1,449	3,639	151	453	12
Apr-92	11,678	1,242	3,428	93	467	12
May-92	14,763	1,442	4,173	153	436	12
Jun-92	13,322	1,251	4,136	95	469	12
Jul-92	15,106	1,442	4,340	151	357	12
Aug-92	13,518	1,256	4,032	94	368	12
Sep-92	15,025	1,445	4,433	153	552	12
Oct-92	12,493	1,253	3,621	92	722	12
Nov-92	14,226	1,451	3,762	148	749	12
Dec-92	11,526	1,254	3,332	92	688	12
Jan-93	13,747	1,457	3,407	147	712	12
Feb-93	12,312	1,252	3,358	94	765	12
Mar-93	13,316	1,473	3,109	146	638	12
Apr-93	11,954	1,258	3,134	95	755	12
May-93	14,235	1,482	3,500	145	743	12
Jun-93	12,621	1,254	3,654	97	641	12
Jul-93	15,026	1,469	3,997	143	471	12
Aug-93	12,963	1,269	4,535	99	575	12
Sep-93	15,690	1,482	4,172	145	695	12
Oct-93	13,358	1,279	4,112	98	796	12
Nov-93	13,815	1,483	3,593	143	502	12
Dec-93	11,100	1,278	3,575	99	519	12
Jan-94	14,180	1,489	4,119	143	463	12
Feb-94	12,816	1,276	4,362	98	705	12
Mar-94	13,458	1,483	3,984	145	439	12
Apr-94	12,434	1,265	3,304	97	506	12
May-94	13,451	1,485	3,971	147	509	12
Jun-94	12,763	1,263	3,784	98	627	12
Jul-94	16,437	1,491	4,519	150	629	12
Aug-94	13,007	1,265	3,873	100	389	12
Sep-94	14,473	1,495	4,375	154	460	12
Oct-94	12,460	1,277	4,167	101	547	12
Nov-94	13,081	1,495	3,868	157	601	12
Dec-94	12,183	1,286	4,049	101	517	12
Jan-95	13,861	1,492	3,842	154	415	12
Feb-95	11,825	1,294	3,158	100	460	12
Mar-95	13,238	1,497	3,486	153	434	12
Apr-95	11,868	1,317	3,557	97	688	12
May-95	13,452	1,505	3,524	151	767	12
Jun-95	12,906	1,324	3,673	101	718	12
Jul-95	15,207	1,505	3,703	153	714	12
Aug-95	14,405	1,319	4,379	109	991	12
Sep-95	16,051	1,505	4,498	152	931	12
Oct-95	13,238	1,328	4,327	113	807	12
Nov-95	13,952	1,502	3,838	154	783	12
Dec-95	11,793	1,321	3,281	113	810	12
Jan-96	13,942	1,512	3,685	155	418	12
Feb-96	12,015	1,321	4,420	113	1,102	12
Mar-96	14,251	1,509	3,670	155	972	12
Apr-96	11,131	1,315	3,527	116	956	12
May-96	13,437	1,518	3,638	154	1,052	12
Jun-96	12,442	1,328	3,751	117	888	12
Jul-96	14,811	1,521	4,357	155	597	12
Aug-96	13,452	1,338	4,034	121	610	12
Sep-96	15,510	1,525	4,500	154	937	12
Oct-96	12,672	1,335	3,861	118	840	12
Nov-96	13,980	1,528	4,083	156	811	12
Dec-96	12,195	1,347	3,924	120	837	12

Ohio-American Water Company

Sales and Customer Data

Marion, OH

Zip Code: 43301

	Residential				Commercial & Industrial				Other is Monthly and Bi-monthly				Other is Monthly and Bi-monthly OPA and ODU			
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87																
Feb-87																
Mar-87																
Apr-87																
May-87																
Jun-87																
Jul-87																
Aug-87																
Sep-87																
Oct-87																
Nov-87																
Dec-87																
Jan-88	61,391	6,837	18,833	910	31,544	45	20,171	82								
Feb-88	58,735	6,528	17,879	905	40,670	45	19,416	82								
Mar-88	62,156	6,850	18,216	899	41,465	45	21,352	82								
Apr-88	57,876	6,531	19,042	903	40,781	45	20,539	81								
May-88	62,161	6,868	20,312	904	43,747	44	20,126	84								
Jun-88	63,902	6,561	22,998	907	42,594	45	22,252	85								
Jul-88	73,861	6,885	26,392	909	38,521	45	22,233	83								
Aug-88	73,044	6,550	25,760	913	43,543	45	25,367	83								
Sep-88	68,371	6,910	19,758	907	39,705	45	19,421	83								
Oct-88	62,585	6,565	21,194	909	47,702	45	22,879	83								
Nov-88	62,301	6,877	24,073	904	38,236	44	20,414	80								
Dec-88	55,832	6,553	18,725	904	37,342	46	22,855	79								
Jan-89	56,797	6,369	19,232	855	34,138	45	21,243	79								
Feb-89	64,642	7,040	19,749	808	37,778	45	21,878	79								
Mar-89	56,234	6,402	19,148	857	34,697	45	21,203	79								
Apr-89	60,408	7,050	20,382	820	35,452	46	23,119	80								
May-89	57,066	6,386	18,801	864	33,189	47	21,134	83								
Jun-89	62,621	7,083	20,709	822	39,887	47	23,949	83								
Jul-89	61,029	6,412	20,866	867	32,025	48	23,526	85								
Aug-89	64,780	7,086	21,203	823	36,463	48	22,749	85								
Sep-89	61,308	6,416	22,599	868	38,339	48	22,555	85								
Oct-89	64,924	7,081	20,326	826	38,418	47	23,776	84								
Nov-89	59,018	6,407	18,966	863	41,276	47	23,669	81								
Dec-89	63,244	7,085	21,546	827	38,107	47	22,464	81								
Jan-90	61,911	6,397	23,062	857	33,215	47	24,211	81								
Feb-90	64,473	7,065	19,180	821	35,066	46	20,614	81								
Mar-90	57,240	6,423	19,702	866	33,740	46	19,862	81								
Apr-90	59,641	7,085	19,986	832	29,699	45	21,159	81								
May-90	58,054	6,439	21,948	876	30,056	46	24,265	84								
Jun-90	64,891	7,107	20,929	834	27,456	47	22,419	86								
Jul-90	62,073	6,450	23,805	878	28,001	47	28,849	86								
Aug-90	68,520	7,093	22,337	838	29,879	47	21,907	86								
Sep-90	62,263	6,452	22,500	881	30,575	47	22,945	86								
Oct-90	63,484	7,083	20,831	842	29,096	46	21,883	83								
Nov-90	59,915	6,480	21,473	879	30,297	45	23,401	81								
Dec-90	60,126	7,115	19,177	837	25,917	45	22,971	79								
Jan-91	60,936	6,448	14,700	876	17,501	45	18,097	79								
Feb-91	64,306	7,155	20,439	833	27,872	44	25,399	79								
Mar-91	56,269	6,467	18,204	873	26,652	45	23,415	79								
Apr-91	59,522	7,180	19,622	839	24,703	45	22,757	79								
May-91	58,332	6,479	20,643	878	30,176	46	27,821	84								
Jun-91	67,145	7,181	23,886	840	33,244	46	26,281	85								
Jul-91	65,618	6,510	23,404	879	28,718	46	21,766	85								
Aug-91	76,359	7,191	24,974	846	28,761	46	25,522	85								
Sep-91	64,908	6,521	25,297	884	33,430	46	23,990	85								
Oct-91	69,011	7,217	22,297	838	30,407	45	20,424	85								

Nov-91	60.429	6.528	23.877	878	35.841	45	24.720	81
Dec-91	61.039	7.210	20.453	847	27.650	45	20.099	79
Jan-92	61.605	6.526	20.376	891	19.551	79	19.551	79
Feb-92	65.034	7.214	21.760	854	30.368	44	23.355	79
Mar-92	57.626	6.533	27.766	891	26.267	44	21.968	79
Apr-92	61.513	7.220	22.101	855	30.163	44	19.284	79
May-92	58.730	6.564	21.579	897	28.734	44	23.697	87
Jun-92	65.564	7.226	22.295	861	27.803	44	21.589	86
Jul-92	64.720	6.542	25.537	900	30.129	45	23.243	89
Aug-92	67.800	7.239	24.827	862	26.708	45	24.711	87
Sep-92	62.715	6.537	24.974	903	31.306	45	21.448	94
Oct-92	64.257	7.246	22.916	860	31.403	44	21.214	90
Nov-92	56.207	6.523	22.436	895	31.957	44	22.128	83
Dec-92	60.939	7.247	20.299	851	29.654	44	18.353	83
Jan-93	58.977	6.838	20.572	911	29.969	44	20.231	94
Feb-93	61.463	7.229	21.652	857	32.057	43	23.230	80
Mar-93	58.410	6.837	20.357	913	34.640	44	21.545	104
Apr-93	62.817	7.263	24.046	862	33.730	44	25.977	88
May-93	62.014	6.871	22.441	924	33.295	47	26.051	104
Jun-93	64.727	7.287	22.466	871	32.843	46	22.536	110
Jul-93	65.566	6.862	25.272	929	38.069	47	21.965	111
Aug-93	71.053	7.616	25.983	892	27.745	46	24.024	103
Sep-93	66.944	6.894	27.867	931	33.918	47	23.439	113
Oct-93	79.743	8.007	25.857	895	32.264	45	22.283	97
Nov-93	61.159	7.457	25.022	929	33.870	45	24.300	97
Dec-93	65.110	7.986	24.918	895	33.614	44	23.422	85
Jan-94	60.667	7.460	20.099	618	25.245	37	23.459	69
Feb-94	72.642	7.954	22.820	480	27.279	35	25.416	60
Mar-94	64.268	7.460	24.156	617	28.381	36	24.997	68
Apr-94	71.615	7.993	24.846	465	30.711	34	24.105	60
May-94	66.405	7.457	26.474	622	31.457	36	23.236	82
Jun-94	68.886	8.022	22.658	471	31.228	34	23.943	85
Jul-94	74.900	7.618	29.066	624	34.493	36	26.543	88
Aug-94	76.131	8.034	25.257	471	22.577	35	22.041	71
Sep-94	71.330	7.614	30.669	634	36.870	34	24.557	76
Oct-94	74.452	8.029	24.195	475	31.994	35	22.745	65
Nov-94	64.301	7.611	26.228	628	32.017	34	22.480	67
Dec-94	68.764	8.024	22.295	518	27.998	37	24.452	60
Jan-95	69.652	7.830	22.868	633	25.465	38	25.176	66
Feb-95	68.646	7.962	22.362	470	28.758	32	25.805	44
Mar-95	67.155	7.836	23.833	632	27.691	38	21.990	66
Apr-95	67.277	7.988	22.671	473	32.444	32	24.670	51
May-95	66.826	7.867	23.064	637	27.221	40	22.730	82
Jun-95	70.332	8.021	23.336	475	31.307	32	27.736	88
Jul-95	74.889	7.868	24.778	634	33.627	40	25.999	86
Aug-95	74.068	8.028	24.059	474	33.082	32	24.828	61
Sep-95	75.658	7.899	28.827	641	37.421	39	28.692	77
Oct-95	75.506	8.031	24.476	472	29.603	32	24.260	62
Nov-95	68.343	7.883	26.276	639	36.427	39	27.742	69
Dec-95	70.000	8.005	24.830	466	31.296	33	25.516	46
Jan-96	70.598	7.987	24.151	637	26.727	40	26.225	65
Feb-96	70.666	8.018	25.538	468	29.215	33	27.244	46
Mar-96	70.129	7.888	24.724	648	29.860	40	24.716	65
Apr-96	66.200	8.029	21.902	470	29.228	32	24.395	51
May-96	68.220	7.882	23.974	452	29.455	40	26.445	85
Jun-96	71.139	8.042	21.929	474	28.810	32	27.400	56
Jul-96	73.913	7.875	23.295	656	27.504	39	24.702	93
Aug-96	74.452	8.071	25.350	473	30.475	33	28.478	71
Sep-96	75.392	7.909	27.764	455	30.098	39	27.887	83
Oct-96	73.041	8.058	22.914	477	27.079	33	26.120	59
Nov-96	67.510	7.906	25.386	458	33.724	39	29.482	75
Dec-96	64.815	8.071	20.478	473	26.025	32	24.293	45

Ohio-American Water Company
Sales and Customer Data
Tiffin, OH
Zip Code: 44883

Commercial & Industrial are combined Monthly and Bi-monthly

Other is Monthly and Bi-monthly OPA and OWA

	Residential Bimonthly		Residential Monthly		Combined Commercial		Commercial Monthly		Combined Industrial		Industrial Monthly		Combined Other		OPA Monthly		OWA Quarterly		OWA Monthly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87																				
Feb-87																				
Mar-87																				
Apr-87																				
May-87																				
Jun-87																				
Jul-87																				
Aug-87																				
Sep-87																				
Oct-87																				
Nov-87																				
Dec-87																				
Jan-88	23,197	2,485			13,112	457			6,878	23			2,940	25						
Feb-88	28,799	3,230			11,207	272			4,103	20			1,852	15						
Mar-88	23,005	2,699			14,231	465			7,829	24			3,292	25						
Apr-88	29,243	3,246			11,264	268			6,515	20			1,770	15						
May-88	22,857	2,687			13,572	463			7,922	24			2,670	25						
Jun-88	34,353	3,267			11,356	271			8,906	20			2,172	21						
Jul-88	28,334	2,701			14,215	469			6,690	24			3,016	31						
Aug-88	35,676	3,274			12,253	273			7,874	21			1,853	23						
Sep-88	25,130	2,712			16,423	464			7,400	25			2,634	31						
Oct-88	31,095	3,273			14,171	277			7,238	21			1,688	19						
Nov-88	22,321	2,714			14,622	469			5,944	25			3,048	28						
Dec-88	27,620	3,256			12,410	277			5,257	21			1,966	16						
Jan-89	23,469	2,763			14,926	482			4,380	25			3,051	25						
Feb-89	27,799	3,186			11,211	271			5,035	21			2,687	15						
Mar-89	22,842	2,767			14,242	483			4,532	25			2,888	24						
Apr-89	27,979	3,195			12,260	270			5,548	21			2,168	15						
May-89	22,326	2,778			13,898	484			4,599	25			3,010	25						
Jun-89	29,352	3,211			11,873	270			5,386	21			2,457	20						
Jul-89	24,952	2,783			15,567	486			6,320	25			2,702	29						
Aug-89	31,249	3,215			11,767	270			6,845	21			2,872	21						
Sep-89	25,395	2,790			14,226	491			5,730	25			3,021	29						
Oct-89	29,471	3,219			13,722	265			6,351	21			2,300	20						
Nov-89	23,205	2,796			14,925	292			7,753	25			2,979	27						
Dec-89	27,787	3,210			12,242	263			6,685	21			2,792	18						
Jan-90	23,549	2,778			14,518	487			5,092	25			2,926	24						
Feb-90	28,629	3,203			11,849	264			6,042	21			2,170	17						
Mar-90	23,499	2,789			14,863	488			8,259	25			3,019	25						
Apr-90	28,072	3,217			11,432	266			6,062	21			2,221	18						
May-90	24,388	2,792			14,256	489			4,504	25			3,164	29						
Jun-90	29,625	3,235			12,296	267			9,201	21			2,550	23						
Jul-90	24,726	2,799			14,487	488			8,139	25			2,415	32						
Aug-90	31,033	3,229			12,289	266			9,987	21			2,578	25						
Sep-90	25,014	2,808			15,757	486			10,203	25			2,714	31						
Oct-90	28,760	3,234			13,517	265			7,358	21			1,671	24						
Nov-90	29,371	2,818			15,075	483			8,555	25			2,934	31						
Dec-90	20,173	3,220			13,105	263			6,773	21			2,465	20						
Jan-91	23,505	2,810			13,880	483			5,743	25			3,756	26						
Feb-91	28,132	3,212			12,588	265			6,652	21			2,454	18						
Mar-91	21,432	2,808			13,843	482			5,652	24			3,363	26						
Apr-91	27,517	3,231			11,572	268			5,984	21			2,701	18						
May-91	23,264	2,826			14,796	483			6,439	24			3,684	27						
Jun-91	29,803	3,234			12,738	270			8,077	20			2,710	21						
Jul-91	27,032	2,818			15,620	482			8,498	24			3,789	30						
Aug-91	34,260	3,239			13,540	269			9,532	21			2,385	25						
Sep-91	25,499	2,829			17,253	479			10,264	24			4,081	31						
Oct-91	30,257	3,247			14,091	268			9,131	21			1,838	23						

Nov-91	23,027	2,824	15,319	475	8,903	25	30
Dec-91	26,641	3,238	12,410	265	6,257	21	20
Jan-92	24,172	2,817	13,482	471	5,147	24	28
Feb-92	28,187	3,239	12,442	265	5,771	21	19
Mar-92	22,218	2,821	13,374	474	4,823	24	28
Apr-92	27,854	3,255	11,916	267	6,327	21	19
May-92	23,432	2,825	14,056	472	5,987	24	27
Jun-92	29,352	3,259	11,487	271	5,789	21	23
Jul-92	24,886	2,822	14,440	471	6,458	24	31
Aug-92	29,459	3,261	11,463	275	6,402	21	23
Sep-92	24,283	2,829	13,773	474	5,561	24	32
Oct-92	29,422	3,270	12,854	274	6,978	22	22
Nov-92	22,489	2,841	14,962	475	6,713	24	28
Dec-92	27,476	3,255	12,309	274	5,522	21	18
Jan-93	23,358	2,840	13,799	469	5,390	24	28
Feb-93	27,957	3,260	10,469	274	5,742	21	18
Mar-93	22,588	2,842	13,383	471	5,495	24	28
Apr-93	27,492	3,266	11,336	273	6,314	21	18
May-93	23,103	2,852	14,209	470	5,429	24	30
Jun-93	28,956	3,277	11,419	277	4,839	21	24
Jul-93	25,160	2,878	13,632	468	4,202	24	33
Aug-93	38,339	3,274	12,852	277	6,200	21	23
Sep-93	19,767	2,882	16,339	465	5,705	24	33
Oct-93	31,059	3,113	13,537	272	6,311	21	23
Nov-93	23,462	2,865	14,137	468	6,486	24	31
Dec-93	27,569	3,305	11,710	269	5,952	21	19
Jan-94	23,607	2,789	13,215	458	6,187	24	28
Feb-94	28,120	3,307	10,897	269	6,098	21	18
Mar-94	22,358	2,872	13,246	461	5,370	23	30
Apr-94	28,364	3,326	11,672	273	5,784	21	19
May-94	23,526	2,881	13,184	463	5,301	23	30
Jun-94	31,332	3,332	10,899	272	6,480	21	26
Jul-94	26,417	2,878	15,156	466	7,141	24	37
Aug-94	31,761	3,340	11,596	277	6,651	21	28
Sep-94	25,836	2,890	15,664	473	7,664	24	36
Oct-94	30,075	3,344	13,430	279	6,654	21	25
Nov-94	23,165	2,888	13,913	471	6,281	24	35
Dec-94	27,329	3,332	11,609	277	6,395	21	27
Jan-95	24,213	2,969	13,456	470	6,024	24	35
Feb-95	27,978	3,253	11,064	270	5,958	21	26
Mar-95	22,241	2,973	12,511	473	5,738	24	35
Apr-95	26,629	3,265	11,892	276	6,847	21	27
May-95	23,304	2,980	12,497	471	5,450	24	36
Jun-95	28,281	3,282	10,893	279	6,189	20	30
Jul-95	25,808	2,975	13,674	475	6,884	23	40
Aug-95	30,016	3,281	11,235	279	6,400	20	30
Sep-95	26,542	2,974	14,866	477	7,530	23	39
Oct-95	30,849	3,290	13,791	280	7,609	20	29
Nov-95	23,669	2,977	13,317	481	6,978	23	37
Dec-95	27,379	3,290	11,413	280	6,853	20	26
Jan-96	24,186	2,976	13,562	474	6,004	23	34
Feb-96	28,538	3,292	11,641	278	6,554	21	26
Mar-96	23,039	2,984	13,476	475	6,941	23	34
Apr-96	26,825	3,308	12,030	280	7,102	21	26
May-96	23,081	2,988	13,191	479	6,773	24	36
Jun-96	29,521	3,314	11,150	281	8,174	21	27
Jul-96	25,195	2,984	13,276	481	7,841	24	37
Aug-96	31,147	3,326	11,597	284	8,558	21	27
Sep-96	26,954	2,999	14,399	482	10,376	24	38
Oct-96	30,248	3,324	12,497	283	7,478	21	28
Nov-96	23,556	2,987	14,440	481	8,459	24	40
Dec-96	27,345	3,316	12,048	279	8,042	21	25

Virginia-American
Sales and Customer Data
Alexandria
Zip Code: 22313

	Residential Quarterly		Residential Monthly		Commercial Quarterly		Commercial Monthly		Industrial Quarterly		Industrial Monthly		OPA Quarterly		OPA Monthly		OWU Quarterly		OWU Monthly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87	83928	5081			58617	1278	286841	1427												
Feb-87	109837	6120			21983	377	244655	1424												
Mar-87	130587	6490			7651	149	263150	1425												
Apr-87	78456	5098			58309	1272	249274	1423												
May-87	102055	6130			23210	379	253178	1429												
Jun-87	117150	6478			7710	170	313222	1442												
Jul-87	90003	5102			62125	1276	329366	1445												
Aug-87	132664	6145			27080	380	328149	1451												
Sep-87	161885	6470			7925	173	301142	1452												
Oct-87	90751	5128			68318	1274	288499	1451												
Nov-87	119393	6182			24847	375	256298	1453												
Dec-87	129499	6505			7571	171	238239	1453												
Jan-88	84886	5135			60620	1264	255306	1452												
Feb-88	108317	6205			21189	374	224621	1454												
Mar-88	112436	6514			5800	167	225196	1452												
Apr-88	81135	5136			54753	1264	256356	1456												
May-88	105162	6199			20675	379	253696	1460												
Jun-88	120891	6520			6489	172	280005	1465												
Jul-88	92012	5125			58841	1276	325073	1467												
Aug-88	138977	6188			28552	382	315779	1459												
Sep-88	196370	6512			8603	168	287199	1453												
Oct-88	94668	5120			65699	1285	270886	1456												
Nov-88	124971	6182			26190	384	226361	1458												
Dec-88	131164	6512			6970	165	248347	1457												
Jan-89	80000	5135			57463	1289	238905	1455												
Feb-89	106494	6217			20851	387	233143	1456												
Mar-89	111335	6514			6562	165	250572	1460												
Apr-89	76713	5123			55826	1288	243396	1460												
May-89	98662	6215			21511	384	270342	1458												
Jun-89	117432	6527			6643	162	303598	1458												
Jul-89	78432	5043			59739	1277	294948	1465												
Aug-89	117160	6321			23953	392	318670	1476												
Sep-89	140885	6534			8711	168	277533	1486												
Oct-89	85708	5038			63470	1278	278321	1495												
Nov-89	123295	6371			23725	397	228390	1488												
Dec-89	130689	6528			6998	166	237616	1489												
Jan-90	78,666	5,041			57,006	1,274	318,903	1,489												
Feb-90	108,172	6,430			20,692	406	174,880	1,492												
Mar-90	110,399	6,534			5,732	163	249,865	1,490												
Apr-90	74,121	5,045			53,974	1,258	241,140	1,499												
May-90	103,242	6,469			20,043	408	269,711	1,506												
Jun-90	118,246	6,542			6,189	167	283,536	1,503												
Jul-90	78,306	5,043			59,129	1,314	303,230	1,512												
Aug-90	122,634	6,495			23,796	403	321,395	1,523												
Sep-90	137,586	6,534			6,607	173	270,443	1,516												
Oct-90	79,067	5,045			63,338	1,322	293,407	1,513												
Nov-90	118,246	6,514			22,498	405	234,496	1,514												
Dec-90	123,997	6,527			6,264	162	243,857	1,505												
Jan-91	75,242	5,029			55,479	1,309	273,793	1,496												
Feb-91	103,183	6,488			18,460	401	213,230	1,498												
Mar-91	112,104	6,529			6,433	162	255,898	1,498												
Apr-91	72,090	5,022			51,677	1,297	273,289	1,502												
May-91	106,509	6,467			19,461	414	270,722	1,508												
Jun-91	125,153	6,533			6,465	165	323,336	1,507												
Jul-91	85,276	4,988			61,827	1,295	328,082	1,514												
Aug-91	143,898	6,491			24,796	407	319,744	1,512												
Sep-91	174,384	6,523			7,820	166	304,008	1,497												
Oct-91	86,476	4,995			63,558	1,301	274,148	1,503												

Nov-91	122,704	6,456	23,249	402	250,805	1,483
Dec-91	131,982	6,532	7,824	166	268,030	1,482
Jan-92	75,722	5,078	54,333	1,296	259,231	1,480
Feb-92	105,661	6,480	18,358	398	260,088	1,478
Mar-92	110,806	6,537	6,531	157	256,572	1,482
Apr-92	69,650	5,004	50,831	1,297	267,425	1,489
May-92	103,251	6,504	18,783	403	255,435	1,491
Jun-92	118,172	6,525	7,211	161	306,272	1,490
Jul-92	78,100	5,003	58,243	1,308	314,941	1,485
Aug-92	119,640	6,504	20,207	410	297,279	1,488
Sep-92	134,256	6,538	7,796	167	302,710	1,488
Oct-92	77,659	5,014	62,935	1,327	279,318	1,485
Nov-92	113,457	6,535	19,899	403	245,725	1,486
Dec-92	119,912	6,534	7,226	167	256,373	1,481
Jan-93	74,749	5,023	55,432	1,326	256,619	1,477
Feb-93	104,783	6,558	16,546	398	243,341	1,466
Mar-93	110,038	6,546	6,671	168	249,668	1,474
Apr-93	70,176	4,984	50,312	1,349	259,222	1,480
May-93	101,373	6,540	17,026	420	204,413	1,235
Jun-93	116,313	6,540	7,634	175	379,692	1,733
Jul-93	79,574	4,968	57,870	1,370	337,364	1,488
Aug-93	139,580	6,556	22,571	429	329,739	1,485
Sep-93	183,763	6,544	8,888	171	324,251	1,484
Oct-93	86,929	4,971	47,784	1,373	280,883	1,482
Nov-93	120,801	6,577	20,205	429	260,883	1,480
Dec-93	123,302	6,573	7,898	172	258,194	1,480
Jan-94	73,425	4,987	55,328	1,374	261,045	1,473
Feb-94	107,434	6,583	18,488	434	243,886	1,473
Mar-94	105,376	6,592	4,415	159	237,140	1,458
Apr-94	76,095	5,090	54,440	1,380	267,006	1,449
May-94	102,270	6,481	19,134	451	284,064	1,451
Jun-94	123,944	6,587	9,087	162	309,955	1,451
Jul-94	82,953	5,086	44,570	1,397	318,356	1,452
Aug-94	135,711	6,467	24,163	438	322,692	1,452
Sep-94	165,216	6,440	16,375	162	326,121	1,454
Oct-94	80,273	5,086	48,419	1,411	262,507	1,455
Nov-94	114,651	6,474	22,803	444	256,636	1,444
Dec-94	128,027	6,701	8,839	163	259,328	1,442
Jan-95	72,218	5,112	57,362	1,408	265,189	1,435
Feb-95	101,949	6,510	20,208	440	248,806	1,440
Mar-95	107,099	6,728	8,294	162	260,511	1,441
Apr-95	70,784	5,125	53,233	1,412	270,273	1,451
May-95	104,545	6,509	22,761	512	270,273	1,451
Jun-95	122,438	6,704	10,950	281	304,601	1,453
Jul-95	75,505	5,125	51,527	1,244	321,645	1,453
Aug-95	120,029	6,504	28,636	522	347,548	1,452
Sep-95	172,115	6,747	14,727	280	344,739	1,454
Oct-95	87,735	5,149	59,631	1,258	298,614	1,454
Nov-95	132,852	6,510	28,464	518	253,185	1,449
Dec-95	134,389	6,747	13,365	277	259,061	1,443
Jan-96	72,664	5,182	52,894	1,263	260,980	1,444
Feb-96	99,801	6,527	23,981	520	252,409	1,445
Mar-96	108,999	6,780	11,679	274	236,527	1,442
Apr-96	69,985	5,182	48,322	1,262	259,249	1,450
May-96	102,347	6,525	23,642	518	284,344	1,455
Jun-96	117,393	6,801	13,018	274	317,853	1,453
Jul-96	78,580	5,169	54,288	1,268	314,561	1,461
Aug-96	115,174	6,523	24,501	523	308,551	1,460
Sep-96	135,788	6,824	14,293	279	317,920	1,461
Oct-96	75,484	5,208	58,381	1,269	267,076	1,463
Nov-96	104,474	6,512	24,145	526	255,202	1,457
Dec-96	117,401	6,861	12,725	281	251,633	1,458

Virginia-American
Sales and Customer Data
Hopewell
Zip Code: 23860

	Residential Quarterly		Residential Monthly		Commercial Quarterly		Commercial Monthly		Industrial Quarterly		Industrial Monthly		OPA Quarterly		OPA Monthly		OWU Quarterly		OWU Monthly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87	36,268	2,384			12,676	351	8,480	59												
Feb-87	47,485	2,697			6,581	117	7,389	59												
Mar-87	37,610	2,583			13,396	260	6,639	59												
Apr-87	33,184	2,424			13,873	350	7,181	58												
May-87	42,827	2,698			5,824	115	7,342	58												
Jun-87	38,234	2,665			13,572	268	8,119	58												
Jul-87	39,629	2,431			13,816	350	8,162	59												
Aug-87	57,625	2,727			6,040	116	9,088	58												
Sep-87	44,676	2,657			16,789	273	8,584	58												
Oct-87	39,347	2,413			15,059	352	8,462	60												
Nov-87	46,574	2,720			5,896	114	8,488	60												
Dec-87	36,712	2,650			12,341	267	8,031	61												
Jan-88	36,862	2,410			12,714	354	9,121	61												
Feb-88	44,937	2,718			5,895	113	7,053	63												
Mar-88	37,400	2,651			11,849	262	7,700	63												
Apr-88	34,920	2,437			12,774	353	8,704	63												
May-88	46,420	2,745			6,185	124	8,695	63												
Jun-88	39,536	2,658			17,488	268	8,784	62												
Jul-88	40,922	2,465			12,997	357	9,996	61												
Aug-88	56,541	2,805			6,834	143	9,936	61												
Sep-88	44,953	2,698			15,469	262	10,253	61												
Oct-88	39,936	2,422			14,558	354	10,072	61												
Nov-88	51,117	2,813			7,139	145	7,908	63												
Dec-88	37,071	2,657			13,699	262	7,607	63												
Jan-89	35,810	2,382			11,885	358	7,802	63												
Feb-89	46,557	2,818			6,720	150	7,204	63												
Mar-89	37,526	2,649			12,541	263	7,057	63												
Apr-89	34,272	2,416			11,858	353	8,042	63												
May-89	45,210	2,803			6,756	157	6,703	62												
Jun-89	38,709	2,670			12,451	267	9,329	65												
Jul-89	38,798	2,437			13,313	348	9,701	65												
Aug-89	54,103	2,868			7,527	162	9,054	65												
Sep-89	42,000	2,695			14,260	270	9,121	65												
Oct-89	36,676	2,418			12,750	352	8,749	67												
Nov-89	48,361	2,879			7,601	162	7,872	68												
Dec-89	39,680	2,665			13,052	263	7,909	63												
Jan-90	35,758	2,304			13,464	344	8,105	67												
Feb-90	47,128	2,702			7,488	162	7,631	62												
Mar-90	38,046	2,541			11,541	260	7,205	62												
Apr-90	33,351	2,315			11,826	342	8,073	63												
May-90	45,595	2,717			6,488	164	7,397	63												
Jun-90	38,598	2,533			10,955	264	8,352	64												
Jul-90	39,335	2,297			15,127	349	11,561	69												
Aug-90	55,804	2,724			8,844	165	11,594	70												
Sep-90	41,563	2,516			12,716	261	11,191	67												
Oct-90	37,053	2,305			12,783	340	9,774	68												
Nov-90	49,603	2,715			7,697	165	8,483	66												
Dec-90	37,426	2,507			11,718	257	8,917	68												
Jan-91	35,836	2,301			12,255	346	7,149	66												
Feb-91	46,718	2,707			7,265	164	7,434	66												
Mar-91	36,476	2,498			11,273	252	7,610	68												
Apr-91	33,302	2,292			10,563	343	8,466	66												
May-91	46,105	2,720			6,432	165	7,696	65												
Jun-91	39,043	2,519			12,718	262	9,998	67												
Jul-91	39,350	2,291			12,181	350	8,540	68												
Aug-91	56,235	2,733			9,154	167	9,980	62												
Sep-91	40,442	2,530			14,780	257	10,151	65												
Oct-91	35,547	2,289			13,413	352	8,324	65												

Nov-91	49,079	2,744	7,873	166	9,215	45
Dec-91	35,509	2,524	12,494	259	7,873	45
Jan-92	33,810	2,287	11,220	352	7,616	45
Feb-92	45,264	2,735	14,128	185	7,924	46
Mar-92	36,104	2,521	11,833	254	7,204	44
Apr-92	31,436	2,274	11,271	349	7,392	44
May-92	45,076	2,740	6,322	166	7,706	45
Jun-92	36,433	2,486	11,428	258	7,761	45
Jul-92	34,782	2,269	14,128	353	8,101	45
Aug-92	49,053	2,738	7,514	185	9,842	45
Sep-92	40,200	2,519	14,308	245	8,774	45
Oct-92	34,077	2,285	12,180	357	8,449	45
Nov-92	46,427	2,753	6,752	164	8,543	44
Dec-92	35,841	2,517	12,050	262	8,372	46
Jan-93	33,459	2,276	11,785	353	7,951	45
Feb-93	20,886	2,750	3,662	164	6,880	45
Mar-93	35,389	2,532	11,205	261	7,172	43
Apr-93	30,853	2,288	10,310	353	7,914	43
May-93	43,164	2,758	5,979	163	8,225	44
Jun-93	36,514	2,530	12,658	262	8,069	43
Jul-93	36,519	2,291	12,588	353	8,861	43
Aug-93	52,751	2,755	7,905	167	10,202	43
Sep-93	40,761	2,527	14,350	285	9,874	43
Oct-93	36,555	2,293	12,515	359	8,957	44
Nov-93	48,030	2,757	8,054	164	8,273	43
Dec-93	34,049	2,528	11,358	260	7,742	44
Jan-94	33,197	2,288	11,550	357	7,546	44
Feb-94	43,710	2,757	8,802	169	7,148	44
Mar-94	34,476	2,510	11,545	262	7,997	45
Apr-94	30,683	2,293	11,571	358	8,287	45
May-94	43,302	2,778	6,571	168	7,455	44
Jun-94	35,938	2,528	11,328	262	8,450	44
Jul-94	34,826	2,287	13,700	340	8,984	46
Aug-94	51,083	2,746	7,707	169	9,770	45
Sep-94	39,351	2,538	15,068	258	9,827	46
Oct-94	33,969	2,297	12,927	358	9,206	46
Nov-94	44,562	2,783	7,915	166	7,985	44
Dec-94	34,693	2,548	12,156	256	8,300	44
Jan-95	31,084	2,283	10,780	354	8,254	44
Feb-95	43,465	2,789	8,545	163	7,581	44
Mar-95	34,585	2,553	11,895	261	7,647	44
Apr-95	31,199	2,288	10,788	355	8,912	45
May-95	43,840	2,793	5,876	159	7,579	46
Jun-95	36,823	2,555	13,490	271	8,887	46
Jul-95	33,834	2,299	11,852	357	9,701	47
Aug-95	51,502	2,805	8,764	171	9,566	44
Sep-95	39,213	2,562	14,393	267	10,403	47
Oct-95	35,646	2,294	12,733	360	9,767	46
Nov-95	48,090	2,801	8,233	174	9,335	45
Dec-95	35,610	2,562	13,025	264	8,481	47
Jan-96	31,180	2,295	10,777	358	8,698	44
Feb-96	43,708	2,801	8,244	172	8,813	44
Mar-96	35,480	2,561	12,092	263	8,387	48
Apr-96	30,678	2,282	10,770	352	8,712	45
May-96	42,942	2,856	4,150	171	8,404	47
Jun-96	35,785	2,559	12,893	265	9,816	47
Jul-96	33,866	2,304	11,520	354	9,812	45
Aug-96	49,363	2,858	7,894	174	9,465	71
Sep-96	37,875	2,548	15,542	269	10,202	71
Oct-96	33,008	2,302	9,984	357	7,988	49
Nov-96	44,811	2,848	7,426	176	8,411	67
Dec-96	33,444	2,545	11,363	268	7,235	67

Virginia-American
Sales and Customer Data
Prince William
Zip Code: 22193

	Residential Quarterly		Residential Monthly		Commercial Quarterly		Commercial Monthly		Industrial Quarterly		Industrial Monthly		OPA Quarterly		OPA Monthly		OWU Quarterly		OWU Monthly	
	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills	Sales	# Bills
Jan-87	69,093	3,390			(50)	3														
Feb-87	78,490	4,046			117	4														
Mar-87	78,836	4,070			18,512	161														
Apr-87	67,568	3,443			100	4														
May-87	79,098	4,126			390	8														
Jun-87	81,604	4,071			20,996	176														
Jul-87	85,962	3,554			370	7														
Aug-87	96,189	4,178			333	10														
Sep-87	92,076	4,127			20,702	189														
Oct-87	87,659	3,690			70	4														
Nov-87	82,910	4,190			342	10														
Dec-87	77,506	4,201			19,414	190														
Jan-88	78,869	3,755			78	3														
Feb-88	79,924	4,196			323	4														
Mar-88	77,781	4,248			24,781	201														
Apr-88	75,116	3,852			(2,807)	4														
May-88	80,083	4,230			258	10														
Jun-88	84,970	4,290			21,727	207														
Jul-88	100,725	3,988			225	10														
Aug-88	98,809	4,228			279	10														
Sep-88	98,830	4,322			23,285	213														
Oct-88	92,923	4,057			98	4														
Nov-88	86,814	4,249			310	10														
Dec-88	81,337	4,418			22,733	205														
Jan-89	80,828	4,138			82	4														
Feb-89	80,971	4,309			243	10														
Mar-89	79,338	4,456			24,391	217														
Apr-89	78,889	4,148			17	5														
May-89	80,016	4,342			255	9														
Jun-89	86,339	4,521			23,048	223														
Jul-89	90,652	4,191			452	8														
Aug-89	93,017	4,389			(303)	9														
Sep-89	90,990	4,569			26,829	244														
Oct-89	95,097	4,258			168	23														
Nov-89	89,235	4,396			328	13														
Dec-89	81,729	4,597			25,328	246														
Jan-90	83,368	4,318			432	20														
Feb-90	85,283	4,394			(177)	11														
Mar-90	84,262	4,562			24,468	284														
Apr-90	81,211	4,348			299	47														
May-90	82,366	4,404			419	13														
Jun-90	86,749	4,573			25,701	280														
Jul-90	102,134	4,390			1,191	73														
Aug-90	99,667	4,403			115	15														
Sep-90	97,762	4,609			25,952	279														
Oct-90	95,353	4,438			888	26														
Nov-90	86,737	4,413			277	7														
Dec-90	80,267	4,615			31,995	276														
Jan-91	87,401	4,463			(4,515)	24														
Feb-91	80,307	4,408			127	7														
Mar-91	81,866	4,625			25,488	275														
Apr-91	86,730	4,487			789	21														
May-91	86,184	4,403			366	7														
Jun-91	93,541	4,631			26,435	273														
Jul-91	112,252	4,494			3,447	20														
Aug-91	107,804	4,441			(928)	7														
Sep-91	99,729	4,623			30,516	274														
Oct-91	99,189	4,513			2,118	21														

Nov-91	87,242	4,442
Dec-91	83,536	4,660
Jan-92	88,778	4,541
Feb-92	84,977	4,447
Mar-92	81,278	4,675
Apr-92	84,617	4,539
May-92	84,441	4,443
Jun-92	86,522	4,682
Jul-92	98,418	4,547
Aug-92	92,482	4,482
Sep-92	90,476	4,709
Oct-92	90,233	4,551
Nov-92	85,461	4,511
Dec-92	81,654	4,749
Jan-93	87,567	4,569
Feb-93	83,500	4,552
Mar-93	82,631	4,566
Apr-93	83,305	4,569
May-93	89,357	4,806
Jun-93	103,863	4,569
Jul-93	100,593	4,613
Aug-93	101,778	4,801
Sep-93	101,084	4,583
Nov-93	88,939	4,660
Dec-93	80,693	4,844
Jan-94	88,569	4,600
Feb-94	84,532	4,709
Mar-94	80,247	4,878
Apr-94	83,908	4,602
May-94	87,072	4,725
Jun-94	94,766	4,906
Jul-94	107,966	4,621
Aug-94	102,424	4,738
Sep-94	97,396	4,919
Oct-94	88,481	4,635
Nov-94	87,551	4,768
Dec-94	81,857	4,934
Jan-95	88,928	4,643
Feb-95	84,004	4,803
Mar-95	82,813	4,944
Apr-95	85,827	4,664
May-95	91,428	4,825
Jun-95	91,082	4,972
Jul-95	98,707	4,679
Aug-95	98,830	4,840
Sep-95	101,508	5,004
Oct-95	107,074	4,693
Nov-95	97,347	4,855
Dec-95	84,828	5,042
Jan-96	88,172	4,718
Feb-96	85,389	4,870
Mar-96	82,766	5,060
Apr-96	87,367	4,739
May-96	87,086	4,867
Jun-96	89,593	5,090
Jul-96	99,346	4,766
Aug-96	96,803	4,897
Sep-96	93,428	5,139
Oct-96	93,645	4,787
Nov-96	88,994	4,904
Dec-96	86,039	5,187
Nov-91	381	7
Dec-91	26,814	274
Jan-92	1,150	20
Feb-92	218	7
Mar-92	24,348	272
Apr-92	1,200	20
May-92	426	7
Jun-92	26,076	267
Jul-92	1,607	21
Aug-92	660	7
Sep-92	29,477	267
Oct-92	1,383	22
Nov-92	611	7
Dec-92	27,538	264
Jan-93	1,353	23
Feb-93	213	7
Mar-93	25,964	270
Apr-93	1,247	23
May-93	308	7
Jun-93	29,069	285
Jul-93	1,697	23
Aug-93	991	7
Sep-93	32,035	272
Oct-93	1,985	23
Nov-93	628	8
Dec-93	29,791	278
Jan-94	1,422	26
Feb-94	466	8
Mar-94	29,374	280
Apr-94	1,407	26
May-94	684	9
Jun-94	34,436	281
Jul-94	1,607	26
Aug-94	804	11
Sep-94	35,854	280
Oct-94	1,521	26
Nov-94	968	12
Dec-94	32,380	280
Jan-95	2,551	49
Feb-95	8,225	158
Mar-95	18,609	113
Apr-95	3,523	49
May-95	11,451	162
Jun-95	18,605	114
Jul-95	4,300	49
Aug-95	12,540	167
Sep-95	20,147	114
Oct-95	5,013	49
Nov-95	12,531	164
Dec-95	17,828	114
Jan-96	2,759	50
Feb-96	10,388	169
Mar-96	17,987	114
Apr-96	6,580	53
May-96	11,575	174
Jun-96	17,106	119
Jul-96	4,155	54
Aug-96	13,885	168
Sep-96	18,784	123
Oct-96	4,156	54
Nov-96	13,014	171
Dec-96	18,946	122

Jan-87	317177	17955	121564	2063	164227	752	40215	15	7411	83	94865	195	15876	5
Feb-87	326356	18930	122552	1705	159763	767	43031	14	6735	61	95118	194	14394	5
Mar-87	430484	25247	117723	1628	159398	772	41294	14	2469	36	113064	194	12830	5
Apr-87	312429	18209	105925	2082	171423	777	42656	14	7253	85	115133	194	11521	5
May-87	321827	19022	118844	1721	180363	771	43948	14	8567	62	111596	193	10310	5
Jun-87	555395	25275	136816	1644	221285	779	56431	14	3474	36	120766	194	20991	5
Jul-87	430471	18363	124797	2077	228866	775	59303	14	8832	82	137502	194	22975	5
Aug-87	430087	19115	140242	1741	233343	772	54384	14	10431	62	136172	195	28607	5
Sep-87	650795	25503	151687	1672	241069	785	48659	14	6050	36	144740	195	29027	5
Oct-87	490604	18603	150994	2117	224029	778	52846	14	10315	82	139925	196	24704	5
Nov-87	409351	19316	150182	1760	206703	784	47782	14	8186	62	124007	196	23356	5
Dec-87	519295	25686	136085	1676	167770	795	44705	14	5873	36	102005	195	16467	5
Jan-88	353114	19911	118031	2178	165350	790	51503	14	6628	81	94372	195	20056	5
Feb-88	315152	19452	116162	1775	157624	793	44882	14	9163	62	94826	195	17453	5
Mar-88	405441	24522	117743	1601	174492	807	50171	14	2086	35	100667	198	17258	5
Apr-88	361433	20060	113218	2203	176908	802	57799	14	6633	80	105938	200	17606	5
May-88	344640	19497	123439	1769	187148	801	55907	14	9144	62	106264	199	23242	5
Jun-88	551806	24615	128973	1613	214697	806	66553	14	4413	36	124297	200	32033	5
Jul-88	554281	20233	138919	2215	266525	802	68152	14	8717	81	147344	202	38880	5
Aug-88	452571	19591	143332	1782	195014	806	57623	14	9729	62	122758	203	17123	5
Sep-88	612833	24820	139365	1629	229218	813	71268	14	4373	37	132386	205	25948	5
Oct-88	420481	20475	138849	2239	204456	808	61112	14	7658	82	120177	205	19409	5
Nov-88	357907	19720	133750	1786	184680	808	53902	14	9768	62	103146	205	18898	5
Dec-88	415774	24980	117859	1622	160159	816	57194	14	2901	36	97491	203	20492	5
Jan-89	352094	20606	121362	2221	151659	815	51260	15	5715	79	93375	205	16687	5
Feb-89	316845	19798	114670	1793	146474	813	54197	15	7977	62	91035	206	13913	5
Mar-89	392439	25111	114897	1629	141258	825	53144	15	2294	34	89378	207	14659	5
Apr-89	320379	20597	103627	2175	158570	822	53876	15	9652	82	100874	207	19289	5
May-89	311334	19819	109559	2175	172719	822	59810	15	11832	61	119235	209	18359	5
Jun-89	432061	25224	125617	1772	190015	805	68711	15	2689	35	107315	209	18153	5
Jul-89	399605	20706	128189	2193	206609	814	73313	15	8998	83	123738	210	20401	5
Aug-89	381318	19857	134584	1793	209232	814	69701	15	9295	60	119180	210	26229	5
Sep-89	512965	25402	146250	1790	219495	816	82754	15	3714	34	134743	211	27412	5
Oct-89	407301	20840	140733	2194	195012	818	69590	15	8358	82	132494	211	20243	5
Nov-89	351049	19968	130547	1797	185521	820	74211	15	9710	60	125671	212	15743	5
Dec-89	423913	25570	127887	1807	165618	819	72462	15	2885	34	100020	212	13115	5
Jan-90	359870	20894	125119	2157	164635	821	63159	15	5734	79	91065	212	17180	5
Feb-90	341889	20033	115926	1805	164689	816	68926	15	9576	60	108607	213	15372	5
Mar-90	412117	25689	126889	1800	153128	814	67192	15	2578	34	93067	213	12039	5
Apr-90	349606	21030	121382	2163	176883	819	67536	15	6688	80	101694	210	11997	5
May-90	306625	20081	111229	1772	172798	818	66659	15	8991	62	104186	211	14207	5
Jun-90	433206	25920	129852	1834	193339	825	70289	15	8573	35	113425	214	16682	5
Jul-90	426401	21175	129950	2173	216690	824	76541	15	11531	81	134712	214	23270	5
Aug-90	378356	20128	130931	1766	221567	827	71581	17	10131	61	134780	213	25124	5
Sep-90	537788	26154	155055	1847	228408	827	80104	17	11522	35	158214	214	28125	5
Oct-90	405432	21306	142767	2267	194405	832	71348	17	11744	92	113150	214	17068	5
Nov-90	348868	20202	130515	1867	199142	829	76469	17	8590	69	109358	214	16007	5
Dec-90	412329	26229	138595	1871	166318	828	71883	17	2535	37	96459	215	29344	5
Jan-91	348151	21372	122900	2284	158564	827	54415	17	6620	92	86913	215	19315	5
Feb-91	321642	20221	105010	1871	155133	825	68327	17	8669	69	93986	215	13826	5
Mar-91	396328	26391	127543	1888	146457	826	64887	17	2963	41	92617	215	18233	5
Apr-91	323769	21485	113524	2272	154235	826	64142	17	7326	92	97753	215	17186	5
May-91	305771	20318	113192	1885	179590	827	71558	18	8371	68	114836	213	15029	5
Jun-91	438963	26449	141725	1908	203277	830	86707	15	4851	41	143822	213	22520	5
Jul-91	424832	21719	136368	2292	214542	829	83369	18	9600	92	143368	212	23406	5
Aug-91	409196	20361	139494	1895	250396	834	67352	18	9479	69	150749	213	32882	5
Sep-91	571910	26649	167412	1940	251638	833	74211	18	6332	41	163930	213	31452	5
Oct-91	478552	21799	157484	2316	205477	833	66386	18	9657	92	125787	213	22950	5
Nov-91	362090	20464	135564	1891	201780	834	73934	18	8680	70	132847	213	19614	5
Dec-91	438591	26782	144192	1934	172944	841	63772	18	4570	41	100339	214	19022	5

Jan-92	365733	21984	128273	2301	154389	841	52554	18	6241	92	96690	218	18404	5
Feb-92	326696	20481	108919	1880	163393	843	67999	18	8250	69	103663	217	19535	5
Mar-92	410399	26881	134413	1925	162957	846	64290	19	3561	42	103208	217	16219	5
Apr-92	343772	22086	121003	2299	181367	843	66648	19	6931	92	98832	213	14754	5
May-92	317537	20534	104430	1888	191630	848	73397	18	11577	69	123248	213	16948	5
Jun-92	441220	27040	138458	1928	193684	850	70565	18	6251	39	117602	213	18643	5
Jul-92	410950	22290	137171	2319	212171	852	73994	18	9224	88	134573	214	22537	5
Aug-92	361570	20664	125994	1892	228566	850	82041	18	9961	70	146847	214	23120	5
Sep-92	480795	27188	156895	1957	208982	854	77810	18	7084	43	137985	214	21138	5
Oct-92	414273	22542	145247	2319	214215	858	72559	15	7266	87	130831	214	21614	5
Nov-92	346290	20800	123586	1898	213493	851	73880	15	8244	70	126644	214	20708	5
Dec-92	433887	27259	146868	1951	164820	847	68237	15	4454	43	101459	214	16942	5
Jan-93	376515	22674	131097	2330	170612	850	54269	16	6948	89	99709	215	20566	5
Feb-93	323754	20858	112402	1888	150150	838	61534	16	8483	70	101449	214	16552	5
Mar-93	415562	27450	133659	1963	164815	850	63868	16	4058	43	102473	214	15614	5
Apr-93	357707	22763	117494	2312	192402	852	64636	16	5498	90	111203	214	16307	5
May-93	331081	21011	112868	1903	191971	851	68405	16	9575	70	109490	214	19557	5
Jun-93	462493	27524	145326	1986	200001	855	73007	16	8141	42	117151	214	20635	5
Jul-93	450300	23053	133243	2317	233614	855	77279	16	8695	91	141062	214	26033	5
Aug-93	398658	21008	132646	1893	253260	856	84431	16	11028	70	155041	215	34148	5
Sep-93	570399	27720	183974	2013	245716	852	85577	16	7071	43	167918	215	48338	5
Oct-93	490834	23297	151644	2314	225032	857	68695	16	8879	91	127796	215	21895	5
Nov-93	371567	21235	130982	1905	201582	855	68693	16	8605	70	112452	215	31534	5
Dec-93	437695	27797	158817	2014	180424	852	65554	16	4471	43	104956	215	17655	5
Jan-94	401992	23524	124237	2306	176024	850	53921	16	7684	91	96986	215	23024	6
Feb-94	345211	21370	104122	1907	175763	854	61061	16	9760	72	103236	215	21697	6
Mar-94	428411	27964	146977	2014	168011	855	64054	16	2893	43	91803	215	18378	6
Apr-94	422485	23509	130753	2300	186351	858	67394	16	5476	90	103080	214	20495	5
May-94	327460	21540	120142	1924	192327	857	70284	16	9866	72	105019	214	19304	6
Jun-94	468116	28041	164119	2032	211187	860	84122	16	7623	43	120629	212	23463	6
Jul-94	523053	23757	147154	2306	264202	860	90590	16	9593	90	161853	212	32388	6
Aug-94	421069	21560	137215	1915	228334	864	86112	16	20637	72	151888	212	22963	6
Sep-94	569841	28206	198211	2030	243682	868	90744	16	4936	43	138285	213	26745	6
Oct-94	486844	24092	148785	2317	233586	869	82525	16	7541	90	139529	214	24050	6
Nov-94	378274	21804	128874	1936	201334	870	80474	16	9464	71	112142	214	19335	6
Dec-94	459549	28436	165086	2042	195106	875	73320	16	4724	43	101317	214	20318	6
Jan-95	390575	24211	111293	2298	171666	874	59806	16	5637	90	94144	214	20489	6
Feb-95	345130	21855	109392	1960	162928	864	75964	16	9972	71	90435	214	16173	6
Mar-95	431887	28606	140438	2038	164733	877	76397	16	3832	44	99707	214	16646	6
Apr-95	388366	24409	112343	2294	192304	878	79649	16	5310	91	107025	215	18608	6
May-95	334816	21844	116300	1969	176789	879	72261	16	9341	71	103398	215	16904	6
Jun-95	464804	28679	159427	2063	211000	882	81030	16	5525	44	124059	215	24407	6
Jul-95	473865	24524	130307	2303	228733	884	82532	16	9492	89	135639	217	23066	6
Aug-95	426532	21889	141294	1974	236167	881	94613	16	9654	72	152356	216	24230	6
Sep-95	607301	28841	195841	2060	276831	887	107937	16	7249	45	173868	217	28490	6
Oct-95	554366	24822	149572	2300	223561	886	87330	16	5021	88	129506	217	25224	6
Nov-95	388705	22062	145155	1987	211509	892	86090	16	8906	72	117259	214	23002	6
Dec-95	453820	28940	159250	2056	185895	887	77279	16	4531	44	103461	214	22046	6
Jan-96	408492	25112	119400	2278	170691	900	63208	16	5300	87	86251	213	22187	6
Feb-96	344434	22170	105263	1984	181942	900	79001	16	9689	72	97044	213	24235	6
Mar-96	437443	29080	142936	2049	170479	898	74713	16	7031	45	96459	214	23540	6
Apr-96	403352	25145	129836	2276	177154	899	77159	16	6157	87	97190	215	22115	6
May-96	324119	22220	100463	1997	190323	904	80640	16	9724	73	101799	215	21959	6
Jun-96	457623	29223	145582	2068	217894	908	93155	16	8584	45	123091	215	27552	6
Jul-96	483211	25334	128956	2283	220081	906	86777	16	7463	88	129844	215	27191	6
Aug-96	404417	22338	132302	2004	246938	909	94713	16	11514	74	143416	215	29332	6
Sep-96	556971	29311	108701	2082	246856	943	94566	16	10201	45	156996	215	29441	6
Oct-96	490243	25662	138152	2293	.	.	80883	14	7560	87	.	.	25256	6
Nov-96	377902	22602	125952	2025	.	.	89274	14	9311	75	.	.	24415	6
Dec-96	.	.	.	.	.	.	66625	14	0	0	.	.	16241	6

Jan-87	369379	57159	245576	6013	72935	348	198704	145	25617	7
Feb-87	361469	57168	253811	6016	70746	348	238176	145	23566	7
Mar-87	355099	57167	260539	6024	74595	350	250132	146	25879	7
Apr-87	349011	57235	261300	6055	69065	359	240931	147	24938	7
May-87	393152	57359	290015	6063	77281	376	304695	147	34904	7
Jun-87	445312	57496	338660	6085	85120	375	292843	147	33234	7
Jul-87	422576	57510	340587	6106	86367	377	243483	143	40000	10
Aug-87	461743	57525	368723	6142	86429	379	263831	143	37394	10
Sep-87	440312	57648	365367	6153	91300	376	268890	142	25494	10
Oct-87	408701	57663	324468	6155	88534	372	265250	143	26465	10
Nov-87	380897	57670	303547	6136	77646	371	250495	144	23522	7
Dec-87	373949	57707	290611	6159	77930	347	223175	144	25342	7
Jan-88	374605	57622	281891	6138	80237	368	198704	145	24761	7
Feb-88	389065	57556	284064	6135	79279	376	238176	145	25475	7
Mar-88	369467	57511	273289	6128	73898	375	250132	146	22892	7
Apr-88	380007	57581	295895	6152	78384	376	240931	147	26927	7
May-88	406451	57752	292343	6193	78031	381	304695	147	29837	10
Jun-88	473177	57822	353791	6207	93544	386	277656	147	48073	11
Jul-88	508388	58018	364560	6227	81695	376	243483	146	27245	7
Aug-88	437243	58060	359245	6247	83669	378	263831	149	41532	7
Sep-88	408787	57870	353407	6256	89939	378	268890	148	30359	8
Oct-88	386716	57898	316470	6251	82303	378	265250	148	27908	7
Nov-88	356776	57887	280607	6227	78971	378	250495	148	27359	7
Dec-88	379769	57766	285084	6238	75235	375	223175	148	24031	7
Jan-89	376184	57763	273311	6238	76882	392	226346	143	26495	10
Feb-89	349551	57671	263916	6234	73998	395	223599	141	21441	10
Mar-89	341295	57658	263375	6224	75499	398	265863	142	22362	10
Apr-89	366217	57723	276052	6242	75000	405	240131	141	24702	10
May-89	380427	57839	285537	6282	74783	407	237533	142	28705	10
Jun-89	393645	57808	309696	6292	86040	408	250851	142	28090	10
Jul-89	394148	57658	322724	6294	88347	407	241822	143	34905	8
Aug-89	411480	57682	346160	6304	91991	401	251912	145	28270	5
Sep-89	420571	57675	354955	6320	95522	400	248324	145	31286	5
Oct-89	377281	57712	313991	6351	77723	402	224586	146	25430	5
Nov-89	366136	57748	295696	6332	73260	402	220378	147	23806	5
Dec-89	377243	57730	285411	6325	70104	400	233737	147	22789	5
Jan-90	416229	57685	300353	6307	77907	389	233141	145	33286	5
Feb-90	361761	57541	272957	6319	67603	389	220344	149	23045	5
Mar-90	352577	57496	274781	6334	72376	393	216787	147	27474	5
Apr-90	355237	57646	274429	6343	71885	393	220376	146	25395	5
May-90	371409	57740	284673	6359	71479	393	225558	147	26792	5
Jun-90	391776	57686	322052	6375	78965	393	286705	146	28090	5
Jul-90	444681	58030	364292	6388	86150	394	211630	147	51423	5
Aug-90	437939	58088	363281	6407	91676	394	242997	146	40634	5
Sep-90	441020	58040	369020	6404	89848	396	240557	145	40751	5
Oct-90	391424	58067	341697	6425	78622	390	213660	147	29380	5
Nov-90	351491	57883	301256	6405	72449	391	214949	147	26638	5
Dec-90	372849	57807	303564	6380	73917	391	205220	150	25840	5
Jan-91	367465	57718	270289	6360	67803	394	181211	151	24063	5
Feb-91	.	.	.	.	72385	397	209033	150	28235	5
Mar-91	.	.	.	.	72945	397	192891	145	18744	5
Apr-91	.	.	.	.	21911	207	55133	76	2345	2
May-91	.	.	.	.	71207	398	236462	150	28747	5
Jun-91	.	.	.	.	70915	399	222314	148	24725	5
Jul-91	392148	58003	326920	6389	76967	402	209996	148	27043	5
Aug-91	407621	58072	363044	6392	82569	401	207028	148	29125	5
Sep-91	420748	58093	368959	6429	87490	402	255799	149	40403	5
Oct-91	391868	58124	334063	6414	84711	400	240756	149	41065	5
Nov-91	378512	58067	294817	6394	78387	404	236810	153	33691	5
Dec-91	370131	57939	286035	6393	73196	406	220311	154	27276	5

Jan-92	368403	57871	265461	6383	70724	399	218587	154	25887	5
Feb-92	355343	57955	268357	6363	72484	398	251421	153	25910	5
Mar-92	348144	58112	266551	6394	72961	401	243303	154	24273	5
Apr-92	342979	58205	278987	6417	69462	408	230258	154	22208	5
May-92	378305	58256	293325	6421	78309	408	242605	154	29242	5
Jun-92	394436	58290	301445	6442	77366	418	238956	155	32466	5
Jul-92	395223	58245	324001	6447	76967	402	209996	148	27043	5
Aug-92	406685	58352	343108	6451	82569	401	207028	148	29125	5
Sep-92	399861	58440	336356	6446	87490	402	255799	149	40403	5
Oct-92	363137	58509	318828	6443	84711	400	240756	149	41065	5
Nov-92	349225	58498	303701	6452	78387	404	236810	153	33691	5
Dec-92	365293	58472	298000	6438	73196	406	220311	154	27276	5
Jan-93	384509	58216	283356	6419	75486	424	253364	154	26894	5
Feb-93	351285	58188	266399	6404	73467	425	253739	154	19788	5
Mar-93	346340	58305	268612	6418	71069	423	218773	153	21500	5
Apr-93	355457	58302	278564	6423	71813	423	257911	155	24056	5
May-93	371192	58344	287893	6431	78866	427	272711	153	25495	5
Jun-93	399264	58443	311647	6463	80312	426	264079	155	30293	5
Jul-93	435937	58548	353675	6483	90267	434	275187	153	38950	5
Aug-93	469615	58631	393033	6489	97872	437	275220	154	44258	5
Sep-93	455971	58614	391536	6499	99411	438	309709	155	48070	5
Oct-93	431032	58644	340763	6494	104167	451	311682	157	43047	5
Nov-93	371645	58642	299265	6498	88486	461	376839	155	30935	5
Dec-93	380511	58604	295668	6481	78691	438	282796	149	24385	5
Jan-94	379789	58587	273607	6471	82375	437	299643	149	25570	5
Feb-94	403576	58488	284092	6463	79360	437	320066	150	32794	5
Mar-94	355512	58493	275068	6472	78629	439	326168	150	23295	5
Apr-94	362408	58538	276196	6479	81440	442	291037	152	27147	5
May-94	369636	58585	283475	6501	77770	445	281763	151	26631	5
Jun-94	416815	58763	317836	6532	79694	464	294828	153	32210	5
Jul-94	419028	58791	350715	6544	101974	473	296393	153	38937	5
Aug-94	398311	58864	342204	6559	92900	474	274856	152	28448	5
Sep-94	397679	58876	338380	6557	95391	476	294669	153	25930	6
Oct-94	385172	58979	336257	6567	95250	496	269813	153	27809	6
Nov-94	352260	59012	287720	6565	79832	465	237728	151	24025	6
Dec-94	378696	59086	299236	6582	82107	467	231836	151	26103	6
Jan-95	350157	59025	256742	6570	74220	468	226192	151	20580	6
Feb-95	363200	58970	277787	6564	74630	470	240916	151	23477	6
Mar-95	363217	59035	280461	6572	73357	477	241804	151	22818	6
Apr-95	372467	59141	286172	6612	73175	474	228769	153	26816	6
May-95	408227	59288	313276	6641	83288	482	258357	157	28199	6
Jun-95	421357	59394	326915	6659	86846	484	261289	155	27736	6
Jul-95	441568	59423	353676	6696	90148	487	267033	155	28567	6
Aug-95	450295	59371	365957	6703	94589	487	226769	156	36958	6
Sep-95	426860	59397	362533	6678	99143	485	251084	156	46602	6
Oct-95	382085	59409	318100	6700	88974	484	249281	158	24780	6
Nov-95	364332	59411	306651	6711	83229	483	221629	154	28246	6
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Jan-96	289909	59318	214113	6667	76103	485	225642	153	24126	6
Feb-96	283941	59316	215687	6660	77424	484	216671	154	25658	6
Mar-96	279754	59212	212819	6646	73923	484	222364	154	23047	6
Apr-96	270532	59243	209433	6654	75149	488	227108	154	23331	6
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Jun-96	322257	59376	250201	6748	86169	503	239468	154	35677	6
Jul-96	354742	59450	280651	6765	96416	518	262572	155	31463	6
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Sep-96	309126	59382	262563	6759	100260	520	253876	155	33276	6
Oct-96	282748	59368	238906	6752	96113	520	228141	154	29813	6
Nov-96	267356	59263	220990	6773	86452	520	221750	156	31210	6
Dec-96	281344	59315	220353	6772	83321	512	232368	156	25979	6

Jan-87	1414	429	484	79	1746	428	439	67
Feb-87	1574	429	522	78	1810	434	486	68
Mar-87	1374	425	428	79	1598	428	472	69
Apr-87	1398	421	425	79	1508	433	437	69
May-87	1586	424	513	78	1552	430	455	72
Jun-87	1478	425	453	77	1784	433	542	73
Jul-87	1657	428	638	78	1621	436	524	73
Aug-87	1649	431	562	78	1704	431	524	73
Sep-87	1836	434	662	78	1677	434	588	73
Oct-87	1591	426	504	77	1702	428	551	73
Nov-87	1508	429	517	76	1266	421	524	72
Dec-87	1548	431	473	78	1594	419	535	71
Jan-88	1444	431	477	76	1527	419	485	71
Feb-88	1466	426	430	77	1942	420	434	71
Mar-88	1489	428	501	75	1319	419	474	69
Apr-88	1311	428	478	75	1447	422	426	69
May-88	1680	438	866	77	1656	426	503	69
Jun-88	1665	443	514	78	1340	427	436	70
Jul-88	1813	439	570	78	1772	422	637	70
Aug-88	1879	440	564	78	1615	425	546	72
Sep-88	1644	440	531	79	2223	415	565	70
Oct-88	1650	433	593	75	1425	415	448	68
Nov-88	1624	433	535	76	1563	397	514	68
Dec-88	1586	429	491	76	1289	387	417	68
Jan-89	1428	426	419	74	1991	386	423	68
Feb-89	1588	428	439	74	1792	383	406	69
Mar-89	1315	427	366	72	1446	383	413	66
Apr-89	1493	425	516	74	1304	389	318	66
May-89	1400	433	445	74	1641	395	464	70
Jun-89	1333	435	459	75	1466	400	551	70
Jul-89	1673	437	634	75	1503	401	485	70
Aug-89	1658	429	595	74	1655	400	475	71
Sep-89	1771	431	581	77	1878	403	517	71
Oct-89	1513	435	463	76	1619	406	431	71
Nov-89	1464	432	432	75	1513	409	402	67
Dec-89	1380	429	420	75	1601	399	419	64
Jan-90	1233	432	412	72	1399	398	342	64
Feb-90	2614	430	481	69	1834	402	415	64
Mar-90	1623	434	442	70	1446	405	324	64
Apr-90	1381	435	354	70	1517	407	354	65
May-90	1575	437	399	70	1413	412	370	70
Jun-90	1415	437	422	72	1506	415	418	70
Jul-90	1821	444	523	72	1707	416	527	69
Aug-90	1646	441	507	72	1703	416	575	69
Sep-90	1666	443	492	72	1815	415	529	67
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Nov-90	1647	431	393	70	1648	408	438	68
Dec-90	1430	431	363	71	1538	401	454	67
Jan-91	1428	428	348	71	1504	403	425	67
Feb-91	1807	424	417	71	1672	400	405	67
Mar-91	1737	427	421	71	1297	401	354	66
Apr-91	1421	429	385	71	1472	402	370	67
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Jun-91	1357	428	428	73	1467	410	484	72
Jul-91	1823	429	607	73	1499	407	418	72
Aug-91	1844	428	672	73	1698	408	578	69
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Nov-91	1494	431	464	69	1519	403	419	68
Dec-91	1695	428	458	69	1408	396	359	67

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Feb-87	18964	3949	6092	432
Mar-87	17659	3950	5443	434
Apr-87	17490	3956	5684	437
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Jun-87	20917	3975	6773	441
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Aug-87	22867	3979	7994	442
Sep-87	21106	3986	7325	437
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Nov-87	18090	3997	5747	438
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Jan-88	20919	3987	6318	420
Feb-88	19922	3992	6148	419
Mar-88	19428	3989	5849	420
Apr-88	18756	3988	5717	423
May-88	19025	4003	6222	421
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Jul-88	30182	4018	7606	423
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Dec-88	20726	4031	6379	429
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Feb-89	19479	4005	6079	421
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Apr-89	18298	4007	6163	424
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Jun-89	21975	4019	7265	431
Jul-89	23432	4010	8100	429
Aug-89	22833	4016	8067	431
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Oct-89	19847	4032	6517	432
Nov-89	19867	4038	6336	432
Dec-89	21192	4035	6587	432
Jan-90	23542	4034	7515	429
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Mar-90	19374	4031	5955	432
Apr-90	17696	4033	6052	436
May-90	19284	4049	6238	434
Jun-90	21070	4064	7156	432
Jul-90	20669	4057	5598	431
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Sep-90	20178	4062	9484	433
Oct-90	13699	4062	7312	429
Nov-90	25708	4062	6336	431
Dec-90	19743	4039	7046	427
Jan-91	19386	4026	6340	426
Feb-91	22148	4034	7008	425
Mar-91	19936	4082	7188	386
Apr-91	19518	4054	6386	425
May-91	19022	4060	6463	428
Jun-91	21305	4058	7091	430
Jul-91	24635	4066	8483	428
Aug-91	24415	4059	8069	431
Sep-91	20494	4043	7483	431
Oct-91	20658	4051	6893	430
Nov-91	19550	4050	6515	429
Dec-91	20455	4036	6463	427

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Feb-92	19591	4021	6383	440
Mar-92	19392	4029	6170	441
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May-92	20925	4058	6783	444
Jun-92	22469	4062	6904	445
Jul-92	25880	4063	7943	448
Aug-92	29384	4085	7979	450
Sep-92	22385	4087	8091	444
Oct-92	20782	4064	3065	448
Nov-92	19047	4071	6802	445
Dec-92	19294	4073	6637	442
Jan-93	21764	4069	7305	441
Feb-93	21304	4068	6480	439
Mar-93	18751	4053	6066	439
Apr-93	11052	4069	6088	441
May-93	18884	4082	6271	443
Jun-93	20586	4075	6898	447
Jul-93	22454	4072	8406	454
Aug-93	20384	4074	7408	458
Sep-93	20236	4064	7429	461
Oct-93	21327	4072	7895	463
Nov-93	18427	4063	6335	463
Dec-93	20548	4076	7225	459
Jan-94	20644	4070	7066	455
Feb-94	20648	4070	7142	457
Mar-94	19513	4080	6981	454
Apr-94	19991	4097	6981	457
May-94	20414	4111	6973	462
Jun-94	20446	4111	7072	462
Jul-94	24431	4095	8162	472
Aug-94	25758	4106	9376	472
Sep-94	22379	4116	9024	460
Oct-94	19903	4108	7692	454
Nov-94	20618	4129	8904	456
Dec-94	20519	4125	8019	454
Jan-95	19442	4127	7219	454
Feb-95	19021	4128	7388	455
Mar-95	18916	4141	7211	453
Apr-95	19065	4158	6934	458
May-95	19796	4169	7228	455
Jun-95	19500	4178	7534	454
Jul-95	22786	4173	9051	455
Aug-95	21478	4174	9226	455
Sep-95	24522	4179	10619	453
Oct-95	19311	4181	7561	453
Nov-95	20025	4160	7875	453
Dec-95	19766	4169	7543	454
Jan-96	20401	4195	8032	452
Feb-96	19987	4199	7700	453
Mar-96	18395	4230	7297	453
Apr-96	20783	4252	8145	453
May-96	18410	4251	6898	451
Jun-96	20885	4255	7813	451
Jul-96	22117	4252	8632	453
Aug-96	23026	4265	9082	456
Sep-96	22616	4264	9099	457
Oct-96	18927	4272	8131	455
Nov-96	20451	4261	8631	457
Dec-96	18391	4260	7230	455

Jan-87	26585	3086	5487	263
Feb-87	24959	3103	5450	237
Mar-87	22348	3101	4741	235
Apr-87	23287	3103	4716	236
May-87	27267	3091	5307	237
Jun-87	29280	3114	6628	243
Jul-87	27283	3106	6800	244
Aug-87	31723	3111	7693	246
Sep-87	31813	3122	7322	246
Oct-87	26210	3119	6827	246
Nov-87	24625	3117	5837	248
Dec-87	25467	3143	5283	248
Jan-88	26438	3125	7799	248
Feb-88	24984	3141	5448	249
Mar-88	24349	3136	4999	251
Apr-88	24871	3141	5068	253
May-88	27438	3152	5837	254
Jun-88	34447	3155	7030	256
Jul-88	42864	3152	7123	258
Aug-88	43091	3177	7940	258
Sep-88	37920	3189	8172	254
Oct-88	31300	3187	6343	257
Nov-88	24360	3202	5564	257
Dec-88	25548	3209	5420	259
Jan-89	24988	3128	5616	259
Feb-89	23712	3222	5104	258
Mar-89	22724	3242	4727	255
Apr-89	24152	3240	4610	258
May-89	28658	3239	5367	260
Jun-89	30064	3250	5986	259
Jul-89	32093	3255	6264	265
Aug-89	35038	3271	6792	266
Sep-89	30706	3278	6429	265
Oct-89	26359	3273	5570	265
Nov-89	26815	3275	5740	264
Dec-89	24989	3270	5346	260
Jan-90	26899	3274	5268	264
Feb-90	28298	3279	5569	263
Mar-90	22943	3283	5166	264
Apr-90	23714	3297	4868	264
May-90	25787	3294	5368	267
Jun-90	26090	3196	5722	269
Jul-90	29173	3201	6720	267
Aug-90	30808	3196	7514	268
Sep-90	30742	3211	7284	271
Oct-90	32976	3324	7306	269
Nov-90	26271	3338	6156	267
Dec-90	25335	3364	5230	266
Jan-91	26848	3365	5064	267
Feb-91	29337	3357	5728	268
Mar-91	25196	3359	4926	267
Apr-91	25537	3371	5438	270
May-91	25262	3376	5464	267
Jun-91	27513	3380	5880	264
Jul-91	37438	3395	7181	264
Aug-91	46014	3404	8754	266
Sep-91	38842	3415	7358	265
Oct-91	31602	3420	6839	264
Nov-91	28229	3429	6320	263
Dec-91	25753	3439	5385	268

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Jan-92	26911	3444	4853	268
Feb-92	26645	3442	4990	267
Mar-92	24005	3453	4922	267
Apr-92	24386	3460	4737	265
May-92	28123	3474	5338	268
Jun-92	31480	3477	6034	271
Jul-92	33897	3485	6581	270
Aug-92	28454	3493	5967	270
Sep-92	28937	3508	5684	270
Oct-92	29581	3521	6028	267
Nov-92	27068	3533	5534	262
Dec-92	26308	3531	4611	262
Jan-93	26333	3540	4845	263
Feb-93	28547	3551	4744	264
Mar-93	25234	3567	4698	265
Apr-93	23436	3587	4168	265
May-93	25534	3595	4919	266
Jun-93	25042	3598	5444	269
Jul-93	34923	3602	5793	270
Aug-93	27832	3600	5684	267
Sep-93	28204	3611	6629	264
Oct-93	26629	3621	5111	257
Nov-93	26024	3628	4758	257
Dec-93	25226	3625	4745	253
Jan-94	25935	3628	4878	252
Feb-94	27193	3637	4873	253
Mar-94	26058	3637	4831	259
Apr-94	26553	3646	5399	260
May-94	26894	3675	5729	260
Jun-94	34569	3669	6091	263
Jul-94	42186	3669	7685	265
Aug-94	38984	3681	8980	267
Sep-94	34131	3692	6653	268
Oct-94	34024	3700	9603	269
Nov-94	28914	3643	6110	281
Dec-94	29237	3698	4095	282
Jan-95	22580	3703	9409	283
Feb-95	25666	3717	6340	275
Mar-95	29326	3729	6529	278
Apr-95	24310	3744	6739	278
May-95	25218	3742	6641	281
Jun-95	28340	3758	7255	278
Jul-95	40039	3755	8814	279
Aug-95	43124	3766	9119	280
Sep-95	40146	3776	10479	277
Oct-95	34696	3780	8311	281
Nov-95	30991	3775	7823	280
Dec-95	37620	3785	7771	281
Jan-96	18355	3785	8156	279
Feb-96	27502	3785	7461	280
Mar-96	27734	3801	8939	279
Apr-96	29530	3801	7665	279
May-96	30903	3799	6929	277
Jun-96	30897	3822	8273	276
Jul-96	37141	3821	9032	277
Aug-96	36560	3825	9884	275
Sep-96	34840	3838	9606	278
Oct-96	29480	3828	7545	275
Nov-96	27614	3833	7211	277
Dec-96	27517	3841	7648	279

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Jan-87	101849	14484	18177	515
Feb-87	96338	14593	19715	521
Mar-87	93388	14728	19357	523
Apr-87	95383	14860	17444	524
May-87	134173	14973	20327	525
Jun-87	198212	15103	28481	530
Jul-87	189238	15208	30381	537
Aug-87	198739	15332	29969	539
Sep-87	164687	15433	25748	536
Oct-87	142912	15540	22364	535
Nov-87	111362	15554	19919	541
Dec-87	107003	15620	21123	541
Jan-88	110594	15668	21417	541
Feb-88	103389	15711	19153	538
Mar-88	103016	15745	18582	543
Apr-88	103807	15845	19313	549
May-88	148577	15904	22825	561
Jun-88	237289	15987	31821	566
Jul-88	279261	16060	37098	580
Aug-88	191079	16141	25127	579
Sep-88	171259	16190	31347	582
Oct-88	146172	16286	23506	584
Nov-88	121062	16328	22090	579
Dec-88	108686	16302	19714	586
Jan-89	116541	16378	21706	589
Feb-89	100416	16412	17629	584
Mar-89	98111	16453	18466	590
Apr-89	109317	16511	20022	595
May-89	126587	16523	19695	596
Jun-89	165707	16567	26148	598
Jul-89	206210	16602	29245	600
Aug-89	218470	16604	29914	605
Sep-89	160260	16686	26574	606
Oct-89	130371	16747	25604	609
Nov-89	132089	16807	23212	609
Dec-89	118819	16811	22309	611
Jan-90	122822	16860	24365	612
Feb-90	109199	16903	21144	612
Mar-90	103046	16936	19376	613
Apr-90	106430	16978	19995	615
May-90	114935	17017	20594	613
Jun-90	122179	17060	22814	617
Jul-90	187160	17122	28694	615
Aug-90	135624	17186	31541	619
Sep-90	176781	17234	31553	622
Oct-90	171941	17302	33253	628
Nov-90	116344	17343	23236	628
Dec-90	117151	17374	24692	624
Jan-91	112660	17401	20221	630
Feb-91	123338	17449	23764	632
Mar-91	113458	17463	21811	623
Apr-91	115487	17491	20278	627
May-91	121119	17554	23916	633
Jun-91	159993	17604	26882	634
Jul-91	238376	17652	35270	637
Aug-91	207176	17699	33377	639
Sep-91	193493	17730	32827	645
Oct-91	154734	17814	25105	647
Nov-91	124118	17880	27926	642
Dec-91	119215	17894	23786	641

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Jan-92	119685	17924	24177	644
Feb-92	100444	17967	22181	645
Mar-92	131936	18010	25078	645
Apr-92	113931	18069	22684	643
May-92	137977	18115	25362	648
Jun-92	175593	18163	28263	654
Jul-92	230900	18232	35817	654
Aug-92	210776	18305	33668	653
Sep-92	193131	18366	31021	655
Oct-92	157185	18412	28157	653
Nov-92	113517	18534	22675	654
Dec-92	126452	18567	23035	654
Jan-93	106837	18607	24619	651
Feb-93	124423	18656	24445	650
Mar-93	106196	18680	21405	651
Apr-93	118695	18753	23427	652
May-93	124848	18813	24314	651
Jun-93	147846	18858	27540	671
Jul-93	162644	18904	29903	669
Aug-93	167384	18873	30368	760
Sep-93	159512	18905	29506	823
Oct-93	144884	19007	33287	822
Nov-93	121755	19091	24661	835
Dec-93	127779	19191	26489	837
Jan-94	127647	19160	25602	846
Feb-94	129532	19252	26204	844
Mar-94	126774	19319	25332	854
Apr-94	123984	19380	26930	880
May-94	138506	19468	27980	885
Jun-94	186751	19521	32763	885
Jul-94	243769	19593	42384	893
Aug-94	219088	19687	42157	907
Sep-94	213700	19779	41647	925
Oct-94	199359	20083	21947	718
Nov-94	146605	20298	15172	607
Dec-94	155294	20509	13112	577
Jan-95	157458	20711	12773	455
Feb-95	134634	20775	11253	453
Mar-95	150627	20784	13400	556
Apr-95	144720	20833	22798	574
May-95	139582	20897	22091	562
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Jul-95	243848	21108	30339	568
Aug-95	231947	21197	33350	570
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Oct-95	202112	21252	32837	688
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Jan-96	146896	21473	26434	679
Feb-96	132153	21530	24330	682
Mar-96	130763	21629	24593	681
Apr-96	139940	21730	25679	683
May-96	149778	21833	25020	688
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Jul-96	263003	22002	35850	698
Aug-96	251932	22102	37076	707
Sep-96	289941	22200	42305	704
Oct-96	192220	22287	30998	709
Nov-96	150148	22377	29536	717
Dec-96	145636	22460	24867	721

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Feb-87	21689	3859	10868	535
Mar-87	17806	3864	9085	542
Apr-87	18848	3864	11924	549
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Jul-87	21623	3828	11275	558
Aug-87	25648	3830	12213	558
Sep-87	23558	3911	12531	554
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Nov-87	21282	3939	11877	562
Dec-87	20810	3979	12925	534
Jan-88	21723	3935	12718	526
Feb-88	21026	3945	12870	527
Mar-88	20558	3946	12338	522
Apr-88	20408	3943	11881	522
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Jun-88	28092	3902	12921	536
Jul-88	31931	3897	12994	540
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Nov-88	23785	4089	13704	554
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Jan-89	21919	4110	13663	557
Feb-89	20355	4123	13114	555
Mar-89	17390	4136	12729	552
Apr-89	22018	4140	12137	557
May-89	25612	4151	12913	560
Jun-89	23726	4096	11463	565
Jul-89	23576	4093	12354	571
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Nov-89	23413	4248	13960	569
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Jan-90	26942	4230	16112	568
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May-90	19857	4243	14456	570
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Jul-90	21039	4166	13172	575
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Nov-91	24639	4485	13974	594
Dec-91	22801	4486	13335	595

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Feb-92	21414	4493	11676	602
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Jul-92	28371	4444	14438	597
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Feb-93	24447	4644	15777	598
Mar-93	22311	4659	12623	595
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Dec-93	25612	4772	15017	611
Jan-94	24022	4759	15958	540
Feb-94	24178	4769	14760	541
Mar-94	24323	4769	15342	543
Apr-94	23317	4782	14133	541
May-94	24047	4777	14798	545
Jun-94	27942	4729	15748	551
Jul-94	30421	4746	15033	553
Aug-94	32638	4778	17109	549
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Oct-94	31863	4990	13475	453
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Feb-95	32280	5053	9281	397
Mar-95	31173	5072	8564	394
Apr-95	30634	5065	8626	395
May-95	28732	5032	7942	394
Jun-95	28732	5019	7942	393
Jul-95	35319	5045	9553	395
Aug-95	33669	4962	12216	557
Sep-95	34156	4956	15134	567
Oct-95	27802	4952	14144	568
Nov-95	27939	4945	14463	572
Dec-95	24246	4924	14137	571
Jan-96	23052	4891	13060	571
Feb-96	24717	4911	16578	569
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Aug-96	28221	4941	14926	569
Sep-96	22477	5010	16096	572
Oct-96	27454	5049	14295	576
Nov-96	25165	5040	13515	578
Dec-96	24638	5047	13589	580

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Jun-88	45805	5084	24446	117	46476	64	2708	86
Jul-88	58437	5231	32420	117	51986	68	4393	89
Aug-88	58224	5097	26526	117	58431	65	4193	88
Sep-88	58473	5248	31433	117	58558	65	7427	88
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Nov-88	50803	5217	24781	117	44703	64	3612	79
Dec-88	49069	5306	22571	117	42281	64	3940	77
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Feb-89	49223	5325	16333	634	44206	70	3039	75
Mar-89	47098	5254	21404	921	42894	66	11944	76
Apr-89	48170	5329	19519	642	45024	69	11483	82
May-89	47592	5182	22879	929	40871	66	8920	88
Jun-89	51166	5466	21051	645	54899	70	8616	89
Jul-89	56231	5275	29989	955	57803	66	9478	93
Aug-89	55623	5379	22244	652	53083	70	7110	93
Sep-89	57791	5274	27759	935	51500	69	8871	90
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Feb-90	51636	5324	18834	651	44256	72	3613	80
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Oct-90	50529	5435	17115	661	42015	70	4040	94
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Feb-91	50522	5367	17256	650	42610	70	5222	84
Mar-91	47825	5295	20065	909	35622	70	3852	85
Apr-91	46449	5390	16323	652	36507	69	3386	88
May-91	51077	5315	24268	913	47357	70	4423	96
Jun-91	56399	5438	19985	660	42935	70	4556	96
Jul-91	60540	5315	27487	922	50764	70	9083	97
Aug-91	65161	5436	24366	656	53093	70	11939	98
Sep-91	60348	5301	27745	916	47149	70	4825	98
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Mar-92	48127	5278	20483	920	29922	72	4445	88
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May-92	50379	5313	21952	931	24628	72	4936	97
Jun-92	54049	5487	20847	684	28740	72	5490	96
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Sep-92	53040	5316	23848	963	18167	72	5047	98
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Nov-92	49804	5310	21756	986	25304	71	5591	92
Dec-92	49415	5468	18138	723	25977	71	4594	88
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Feb-93	51114	5471	18486	729	30789	72	4017	86
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May-93	51525	5314	22004	998	29598	72	4812	97
Jun-93	52821	5531	19543	750	30406	72	5357	99
Jul-93	56444	5354	27321	1000	33337	72	8022	100
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Oct-93	55146	5529	19846	743	26307	72	7373	96
Nov-93	49372	5332	22697	990	26128	72	5574	92
Dec-93	50922	5507	17979	745	27838	73	6341	89
Jan-94	51678	5340	21819	991	28888	72	6349	89
Feb-94	52393	5499	20216	747	34866	71	6993	89
Mar-94	47713	5330	22440	991	31460	71	4847	89
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May-94	50725	5349	22376	994	27421	71	6037	97
Jun-94	53735	5565	20824	758	27066	71	10906	98
Jul-94	57736	5361	26641	1001	28250	71	9759	100
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Nov-94	49574	5359	23341	988	21369	70	9805	92
Dec-94	50031	5553	17710	747	23176	70	9790	89
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Feb-95	52067	5564	18679	752	27485	70	36803	87
Mar-95	48079	5358	21831	993	23211	70	56485	87
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May-95	49408	5375	21616	1002	23707	71	66347	98
Jun-95	53613	5619	20550	760	30033	71	68812	98
Jul-95	57693	5402	27093	1005	38205	70	72654	98
Aug-95	58849	5632	24246	764	36232	70	75442	98
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Feb-96	52104	5607	20342	757	32493	70	60550	88
Mar-96	49444	5380	21015	992	28612	70	63805	87
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Jun-96	54373	5662	21722	768	33982	70	70793	101
Jul-96	54783	5414	25316	1001	30310	70	71849	103
Aug-96	55791	5669	23989	767	36170	70	70892	101
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Jun-91	13465	1233	4022	87	484	13
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May-92	14763	1442	4173	153	436	12
Jun-92	13322	1251	4136	95	469	12
Jul-92	15106	1442	4340	151	357	12
Aug-92	13518	1256	4032	94	368	12
Sep-92	15025	1445	4433	153	552	12
Oct-92	12493	1253	3621	92	722	12
Nov-92	14226	1451	3762	148	749	12
Dec-92	11526	1254	3332	92	688	12
Jan-93	13747	1457	3407	147	712	12
Feb-93	12312	1252	3358	94	765	12

Mar-93	13316	1473	3109	146	638	12
Apr-93	11954	1258	3134	95	755	12
May-93	14235	1482	3500	145	743	12
Jun-93	12621	1254	3654	97	641	12
Jul-93	15026	1469	3997	143	471	12
Aug-93	12963	1269	4535	99	575	12
Sep-93	15690	1482	4172	145	695	12
Oct-93	13358	1279	4112	98	796	12
Nov-93	13815	1483	3593	143	502	12
Dec-93	11100	1278	3575	99	519	12
Jan-94	14180	1489	4119	143	463	12
Feb-94	12816	1276	4362	98	705	12
Mar-94	13458	1483	3984	145	439	12
Apr-94	12434	1265	3306	97	506	12
May-94	13451	1485	3971	147	509	12
Jun-94	12763	1263	3784	98	627	12
Jul-94	16437	1491	4519	150	629	12
Aug-94	13007	1265	3873	100	389	12
Sep-94	14473	1495	4375	154	460	12
Oct-94	12460	1277	4167	101	547	12
Nov-94	13081	1495	3868	157	601	12
Dec-94	12183	1286	4049	101	517	12
Jan-95	13861	1492	3842	154	415	12
Feb-95	11825	1294	3158	100	460	12
Mar-95	13238	1497	3486	153	434	12
Apr-95	11868	1317	3557	97	688	12
May-95	13452	1505	3524	151	767	12
Jun-95	12906	1324	3673	101	718	12
Jul-95	15207	1505	3703	153	714	12
Aug-95	14405	1319	4379	109	991	12
Sep-95	16051	1505	4498	152	931	12
Oct-95	13238	1328	4327	113	807	12
Nov-95	13952	1502	3838	154	783	12
Dec-95	11793	1321	3281	113	810	12
Jan-96	13942	1512	3685	155	418	12
Feb-96	12015	1321	4420	113	1102	12
Mar-96	14251	1509	3670	155	972	12
Apr-96	11131	1315	3527	116	956	12
May-96	13637	1518	3638	154	1052	12
Jun-96	12442	1328	3751	117	888	12
Jul-96	14811	1521	4357	155	597	12
Aug-96	13452	1338	4034	121	610	12
Sep-96	15510	1525	4500	154	937	12
Oct-96	12672	1335	3861	118	840	12
Nov-96	13980	1528	4083	156	811	12
Dec-96	12195	1347	3924	120	837	12

Jan-88	61391	6837	18833	910	31544	45	20171	82	58977	6838	20572	911	29969	44	20231	94
Feb-88	58735	6528	17879	905	40670	45	19416	82	61463	7229	21652	857	32057	43	23230	80
Mar-88	62156	6850	18216	899	41465	45	21352	82	58410	7237	20357	913	34640	44	21545	106
Apr-88	57876	6531	19042	903	40781	45	20539	81	62817	7263	24046	862	33730	44	25977	88
May-88	62161	6868	20312	904	43747	44	20126	84	62014	6871	22441	924	33295	47	26051	106
Jun-88	63902	6561	22998	907	42594	45	22252	85	64727	7287	22466	871	32843	46	22536	110
Jul-88	73861	6885	26392	909	38521	45	22233	83	65566	6862	25272	929	38069	47	21965	111
Aug-88	73044	6550	25760	913	43541	45	25367	83	71053	7616	25983	892	27745	46	24024	103
Sep-88	68371	6910	19758	907	39705	45	19821	83	66944	6894	27867	931	33918	47	23439	113
Oct-88	62585	6565	26073	909	47702	45	22879	83	79743	8007	25857	895	32264	45	22283	97
Nov-88	55832	6553	18725	906	37342	44	20414	80	61159	7457	25022	929	33870	45	24300	97
Dec-88	56797	6369	19232	855	34138	45	22855	79	65110	7986	24918	895	33614	44	23422	85
Jan-89	64642	7040	19749	808	37778	45	21878	79	60667	7460	20099	618	25245	37	23659	69
Feb-89	56234	6402	19148	857	34697	45	21203	79	72642	7954	22820	460	27279	35	25416	60
Mar-89	60408	7050	20382	820	35452	46	23119	80	64268	7460	26156	617	28381	36	24997	68
Apr-89	57066	6386	18801	864	33189	47	21134	83	71615	7993	24846	465	30711	34	24105	60
May-89	62621	7083	20709	822	39887	47	23949	83	66405	7457	26474	622	31457	36	23236	82
Jun-89	61029	6412	20866	867	32025	48	23526	85	74900	8022	22658	471	31228	34	23943	85
Jul-89	59018	6407	18966	863	41276	47	23776	84	76131	7614	29066	624	34493	36	26543	88
Aug-89	61308	6416	22599	868	38339	48	22555	85	71330	7614	25257	471	22577	35	22041	71
Sep-89	64924	7081	20326	826	38418	47	23669	81	74452	8029	24195	475	31994	35	22745	76
Oct-89	59018	6407	18966	863	41276	47	23776	84	64301	7611	26228	628	32017	34	22480	67
Nov-89	63244	7085	21546	827	38107	47	24211	81	68764	8024	22295	518	27998	37	24452	50
Dec-89	61911	6397	23062	857	33215	47	22464	81	69652	7830	22868	633	25465	38	25176	66
Jan-90	64473	7065	19180	821	35066	46	20614	81	68646	7962	22362	470	28758	32	25805	44
Feb-90	57240	6423	19702	866	33740	46	19862	81	67155	7836	23833	632	27691	38	21990	66
Mar-90	59641	7085	19986	832	29699	45	21159	81	67277	7988	22671	475	32444	32	24670	51
Apr-90	58054	6439	21948	876	30056	46	24265	84	66826	7867	23064	637	27221	40	22730	82
May-90	62073	6450	20929	834	27456	47	22419	86	70332	8021	23336	475	31307	32	27736	88
Jun-90	62073	6450	23805	878	28001	47	28849	86	74889	7868	24778	634	33627	40	25999	86
Jul-90	68520	7093	22337	838	29879	47	21907	86	74068	8028	24059	474	33082	32	24828	61
Aug-90	62263	6452	22500	881	30575	47	22945	86	75658	7899	28827	641	37421	39	28692	77
Sep-90	63484	7083	20931	842	29096	46	21883	83	75506	8031	24476	472	29603	32	24260	62
Oct-90	59915	6480	21673	879	30297	45	23401	81	68343	7883	26276	639	36427	39	27742	69
Nov-90	60126	7115	19177	837	25917	45	22971	79	70000	8005	24830	466	31296	33	25516	46
Dec-90	60936	6448	14700	876	17501	45	18097	79	70598	7887	24151	637	26727	40	26225	65
Jan-91	64306	7155	20439	833	27872	44	23399	79	70666	8018	25538	468	29215	33	27244	46
Feb-91	56269	6467	18204	873	26652	45	23615	79	70129	7888	24724	648	29860	40	24716	65
Mar-91	59522	7180	19622	839	26703	45	22757	79	66200	8029	21902	470	29228	32	24395	51
Apr-91	58332	6479	20643	878	30176	46	27821	84	68220	7882	23974	652	29455	40	26445	85
May-91	67145	7181	23886	840	33264	46	29281	85	71139	8062	21929	474	28810	32	27400	56
Jun-91	65618	6510	23604	879	28718	46	21766	85	73913	7875	23295	656	27504	39	24702	93
Jul-91	76359	7191	26974	846	28761	46	25522	85	76452	8071	25350	473	30475	33	28478	71
Aug-91	64908	6521	25297	884	33430	46	23990	85	75392	7909	27764	655	30098	39	27887	83
Sep-91	69011	7217	22297	838	30607	45	20624	85	73041	8058	22914	477	27079	33	26120	59
Oct-91	60429	6528	23877	878	35841	45	24720	81	67510	7906	25386	658	33724	39	29682	75
Nov-91	61039	7210	20453	847	27650	45	20099	79	64815	8071	20478	473	26025	32	24293	45
Dec-91	61605	6526	20376	891	26985	44	19551	79								
Jan-92	65034	7214	21760	854	30368	44	23355	79								
Feb-92	57626	6533	27766	891	26267	44	21968	79								
Mar-92	61513	7220	22101	855	30163	44	19284	79								
Apr-92	58730	6564	21579	897	28734	44	23697	87								
May-92	65564	7226	22295	861	27803	44	21589	86								
Jun-92	64720	6542	25537	900	30129	45	23243	89								
Jul-92	67800	7239	24827	862	26708	45	24711	87								
Aug-92	62715	6537	24974	903	31306	45	21448	94								
Sep-92	64257	7246	22916	860	31403	44	21214	90								
Oct-92	56207	6523	22436	895	31957	44	22128	83								
Nov-92	60939	7247	20299	851	29654	44	18353	83								

Jan-88	23197	2685	13112	457	6878	23	2940	25	Jan-93	23358	2840	13799	469	5390	24	2619	28
Feb-88	28799	3230	11207	272	6103	20	1852	15	Feb-93	27957	3260	10669	274	5742	21	1539	18
Mar-88	23005	2699	14231	465	7829	24	3292	25	Mar-93	22588	2842	13383	471	5495	24	2552	28
Apr-88	29243	3246	11264	268	6515	20	1770	15	Apr-93	27692	3266	11336	273	6314	21	1759	18
May-88	22857	2687	13572	463	7922	24	2670	25	May-93	23103	2852	14209	470	5429	24	2820	30
Jun-88	34353	3267	11356	271	8906	20	2172	21	Jun-93	28956	3277	11419	277	4839	21	1869	24
Jul-88	28334	2701	16215	469	6690	24	3016	31	Jul-93	25160	2878	13632	468	6202	24	2267	33
Aug-88	35676	3274	12253	273	7874	21	1853	23	Aug-93	38339	3274	12852	277	6200	21	1974	23
Sep-88	25130	2712	16823	464	7400	25	2634	31	Sep-93	19767	2882	16339	465	5705	24	3644	33
Oct-88	31095	3273	14171	277	7238	21	1688	19	Oct-93	31059	3313	13537	272	6311	21	1867	23
Nov-88	22321	2714	14622	469	5944	25	3048	28	Nov-93	23462	2865	14137	468	6686	24	3114	31
Dec-88	27620	3256	12410	277	5257	21	1966	16	Dec-93	27569	3305	11710	269	5952	21	1928	19
Jan-89	23669	2763	14926	482	4380	25	3051	25	Jan-94	23607	2789	13215	458	6187	24	2593	28
Feb-89	27799	3186	11211	271	5035	21	2687	15	Feb-94	28120	3307	10897	269	6098	21	1572	18
Mar-89	22862	2767	14242	483	4532	25	2888	24	Mar-94	22358	2872	13246	461	5370	23	2369	30
Apr-89	27979	3195	12260	270	5548	21	2168	15	Apr-94	28364	3326	11672	273	5784	21	1849	19
May-89	22326	2778	13898	484	4599	25	3010	25	May-94	23526	2881	13186	463	5301	23	2302	30
Jun-89	29352	3211	11873	270	5386	21	2457	20	Jun-94	31332	3332	10899	272	6480	21	2259	26
Jul-89	24952	2783	15567	486	6320	25	2702	29	Jul-94	26617	2878	15156	466	7141	21	3011	37
Aug-89	31249	3215	11767	270	6845	21	2872	21	Aug-94	31761	3340	11596	277	6651	21	4184	28
Sep-89	25395	2790	16226	491	5730	25	3021	29	Sep-94	25836	2890	15664	473	7664	24	2638	36
Oct-89	29471	3219	13722	265	6351	21	2300	20	Oct-94	30075	3344	13430	279	6654	21	2010	25
Nov-89	23205	2796	14925	292	7753	25	2979	27	Nov-94	23165	2888	13913	471	6281	24	2807	35
Dec-89	27787	3210	12242	263	6685	21	2792	18	Dec-94	27329	3332	11609	277	6395	21	1747	27
Jan-90	23549	2778	14518	487	5092	25	2926	24	Jan-95	24213	2969	13456	270	6024	24	2476	35
Feb-90	28629	3203	11849	264	6042	21	2170	17	Feb-95	27978	3253	11064	270	5958	21	1746	26
Mar-90	23499	2789	14863	488	8259	25	3019	25	Mar-95	22241	2973	12511	473	5738	24	2647	35
Apr-90	28072	3217	11432	266	6062	21	2221	18	Apr-95	26629	3265	11892	276	6847	21	2357	27
May-90	24368	2792	14256	489	6504	25	3164	29	May-95	23304	2980	12497	471	5650	24	2814	36
Jun-90	29625	3235	12296	267	9201	21	2550	23	Jun-95	28281	3282	10893	279	6189	20	2483	30
Jul-90	24726	2799	14487	488	8139	25	2415	32	Jul-95	25808	2975	13674	475	6884	23	3509	40
Aug-90	31033	3229	12289	266	9987	21	2578	25	Aug-95	30016	3281	11235	279	6600	20	2048	30
Sep-90	25014	2808	15757	486	10203	25	2714	31	Sep-95	26542	2974	14866	477	7530	23	5011	39
Oct-90	28760	3234	13517	265	7358	21	1671	24	Oct-95	30849	3290	13791	280	7609	20	2215	29
Nov-90	29371	2818	15075	483	8555	25	2934	31	Nov-95	23669	2977	13317	481	6978	23	3009	37
Dec-90	20173	3220	13105	263	6773	21	2665	20	Dec-95	27379	3290	11413	280	6853	20	2485	26
Jan-91	23505	2810	13880	483	5743	25	3756	26	Jan-96	24186	2976	13562	474	6004	23	2720	34
Feb-91	28132	3212	12588	265	6652	21	2454	18	Feb-96	28538	3292	11641	278	6554	21	1977	26
Mar-91	21432	2808	13843	482	5652	24	3363	26	Mar-96	23039	2986	13476	475	6941	23	2650	34
Apr-91	27517	3231	11572	268	5984	21	2701	18	Apr-96	26825	3308	12030	280	7102	21	1792	26
May-91	23264	2826	14796	483	6439	24	3684	27	May-96	23081	2988	13191	479	6773	24	2783	36
Jun-91	29803	3234	12738	270	8077	20	2710	21	Jun-96	29521	3314	11150	281	8174	21	2605	27
Jul-91	27032	2818	15620	482	8498	24	3789	30	Jul-96	25195	2984	13276	481	7841	24	3474	37
Aug-91	34260	3239	13540	269	9532	21	2385	25	Aug-96	31147	3326	11597	284	8558	21	3080	27
Sep-91	25499	2829	17253	479	10264	24	4081	31	Sep-96	26954	2999	16399	482	10376	24	4180	38
Oct-91	30257	3247	14091	268	9131	21	1838	23	Oct-96	30248	2987	14497	481	8659	21	2394	28
Nov-91	23027	2824	15319	475	8903	25	3529	30	Nov-96	23556	3283	14440	481	8042	24	3263	40
Dec-91	26641	3238	12410	265	6257	21	2309	20	Dec-96	27345	3316	12048	279		21	2124	25
Jan-92	24172	2817	13482	471	5147	24	3023	28									
Feb-92	28187	3239	12442	265	5771	21	2019	19									
Mar-92	22218	2821	13374	474	4823	24	2760	28									
Apr-92	27854	3255	11916	267	6327	21	1738	19									
May-92	23432	2825	14056	472	5987	24	2531	27									
Jun-92	29552	3259	11487	271	5789	21	2016	23									
Jul-92	24886	2822	14440	471	6458	24	2782	31									
Aug-92	29459	3261	11663	275	6602	21	1729	23									
Sep-92	24283	2829	13773	474	5561	24	3376	32									
Oct-92	29422	3270	12854	274	6978	22	1750	22									
Nov-92	22689	2841	14962	475	6713	24	3151	28									
Dec-92	27476	3255	12309	274	5522	21	1651	18									

Jan-87	83928	5081	58617	1278	286841	1427
Feb-87	109837	6120	21983	377	244655	1424
Mar-87	130587	6490	7651	169	263150	1425
Apr-87	78456	5098	58309	1272	249274	1423
May-87	102055	6130	23210	379	253178	1429
Jun-87	117150	6478	7710	170	313222	1442
Jul-87	90003	5102	62125	1276	329366	1445
Aug-87	132664	6165	27080	380	328149	1451
Sep-87	161885	6470	7925	173	301142	1452
Oct-87	90751	5128	68318	1274	288499	1451
Nov-87	119393	6182	24847	375	256298	1453
Dec-87	129499	6505	7571	171	238239	1453
Jan-88	84886	5135	60620	1264	255306	1452
Feb-88	108317	6205	21189	374	224621	1454
Mar-88	112436	6514	5800	167	225196	1452
Apr-88	81135	5136	54753	1264	256356	1456
May-88	105162	6199	20675	379	253696	1460
Jun-88	120891	6520	6489	172	280005	1465
Jul-88	92012	5125	58841	1276	325073	1467
Aug-88	138977	6188	28552	382	315779	1459
Sep-88	196370	6512	8603	168	287199	1453
Oct-88	94668	5120	65699	1285	270886	1456
Nov-88	124971	6182	26190	384	226361	1458
Dec-88	131164	6512	6970	165	248347	1457
Jan-89	80000	5135	57463	1289	238905	1455
Feb-89	106494	6217	20851	387	233143	1456
Mar-89	111335	6514	6562	165	250572	1460
Apr-89	76713	5123	55826	1288	243396	1460
May-89	98662	6215	21511	384	270342	1458
Jun-89	117432	6527	6643	162	303598	1458
Jul-89	78432	5043	59739	1277	294948	1465
Aug-89	117160	6321	23953	392	318670	1476
Sep-89	140885	6534	8711	168	277533	1486
Oct-89	85708	5038	63470	1278	278321	1495
Nov-89	123295	6371	23725	397	228390	1488
Dec-89	130689	6528	6998	166	237616	1489
Jan-90	78666	5041	57006	1274	318903	1489
Feb-90	108172	6430	20692	406	174880	1492
Mar-90	110399	6534	5732	163	249865	1490
Apr-90	74121	5045	53974	1258	241140	1499
May-90	103242	6469	20043	408	269711	1506
Jun-90	118246	6542	6189	167	283536	1503
Jul-90	78306	5043	59129	1314	303230	1512
Aug-90	122634	6495	23796	403	321395	1523
Sep-90	137586	6534	6607	173	270443	1516
Oct-90	79067	5045	63338	1322	293407	1513
Nov-90	118246	6514	22498	405	234496	1514
Dec-90	123997	6527	6264	162	243857	1505
Jan-91	75242	5029	55479	1309	273793	1496
Feb-91	103183	6488	18660	401	213230	1498
Mar-91	112104	6529	6433	162	255898	1498
Apr-91	72090	5022	51677	1297	273289	1502
May-91	106509	6467	19461	414	270722	1508
Jun-91	125153	6533	6465	165	323336	1507
Jul-91	85276	4988	61827	1295	328082	1514
Aug-91	143898	6491	24796	407	319744	1512
Sep-91	174384	6523	7820	166	304008	1497
Oct-91	86476	4995	63558	1301	274148	1503
Nov-91	122704	6456	23249	402	250805	1483
Dec-91	131982	6532	7824	166	268030	1482

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Jan-92	75722	5028	56333	1296	259231	1480
Feb-92	105661	6480	18358	398	260088	1478
Mar-92	110806	6537	6531	157	256572	1482
Apr-92	69650	5006	50831	1297	267425	1489
May-92	103251	6504	18783	403	255635	1491
Jun-92	118172	6525	7211	161	306272	1490
Jul-92	78100	5003	58243	1308	314941	1485
Aug-92	119640	6504	20207	410	297279	1488
Sep-92	134256	6538	7796	167	302710	1488
Oct-92	77659	5014	62935	1327	279318	1485
Nov-92	113457	6535	19899	403	245725	1486
Dec-92	119912	6534	7226	167	256373	1481
Jan-93	74749	5023	55432	1326	256619	1477
Feb-93	104783	6558	16546	398	243341	1466
Mar-93	110038	6546	6671	168	249668	1474
Apr-93	70176	4984	50312	1349	259222	1480
May-93	101373	6540	17026	420	204413	1235
Jun-93	116313	6540	7634	175	379692	1733
Jul-93	79574	4968	57870	1370	337364	1488
Aug-93	139580	6556	22571	429	329739	1485
Sep-93	183763	6544	8888	171	326251	1484
Oct-93	86929	4971	67786	1373	280883	1482
Nov-93	120801	6577	20205	429	260883	1480
Dec-93	123302	6573	7898	172	258194	1480
Jan-94	73425	4987	55328	1374	261065	1473
Feb-94	107434	6583	18488	434	243886	1473
Mar-94	105376	6592	4615	159	237140	1458
Apr-94	76095	5090	54660	1380	267006	1449
May-94	102270	6481	19134	451	284066	1451
Jun-94	123944	6587	9087	162	309955	1451
Jul-94	82953	5086	66570	1397	348356	1452
Aug-94	135711	6467	24163	438	322692	1452
Sep-94	165216	6640	9375	162	326121	1454
Oct-94	80273	5086	68419	1411	262507	1455
Nov-94	114651	6474	22803	444	256636	1444
Dec-94	128027	6701	8839	163	259328	1442
Jan-95	72218	5112	57362	1408	265189	1435
Feb-95	101949	6510	20208	440	248806	1440
Mar-95	107099	6728	8294	162	260511	1441
Apr-95	70786	5125	53233	1412	271619	1451
May-95	104545	6509	22761	512	270273	1451
Jun-95	122438	6706	10950	281	304601	1453
Jul-95	75505	5125	51527	1244	321645	1453
Aug-95	120029	6504	28636	522	347548	1452
Sep-95	172115	6747	14727	280	344739	1454
Oct-95	87735	5149	59631	1258	298614	1454
Nov-95	132852	6510	28464	518	253185	1449
Dec-95	134389	6767	13365	277	259061	1443
Jan-96	72664	5182	52896	1263	260980	1444
Feb-96	99801	6527	23981	520	252409	1445
Mar-96	108999	6780	11679	274	236527	1442
Apr-96	69985	5182	48322	1262	259249	1450
May-96	102347	6525	23642	518	284344	1455
Jun-96	117393	6801	13018	274	317853	1453
Jul-96	78580	5169	54288	1268	314561	1461
Aug-96	115174	6523	26501	523	308551	1460
Sep-96	135788	6824	14293	279	317920	1461
Oct-96	75484	5208	58381	1269	267076	1463
Nov-96	106474	6512	24165	526	255202	1457
Dec-96	117401	6861	12725	281	251633	1458

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Jan-87	36268	2384	12676	351	8480	59
Feb-87	47485	2697	6581	117	7389	59
Mar-87	37610	2583	13396	260	6639	59
Apr-87	33184	2424	13873	350	7181	58
May-87	42827	2698	5824	115	7342	58
Jun-87	38234	2665	13572	268	8119	58
Jul-87	39629	2431	13816	350	8162	59
Aug-87	57625	2727	6040	116	9088	58
Sep-87	44676	2657	16789	273	8584	58
Oct-87	39347	2413	15059	352	8462	60
Nov-87	46574	2720	5896	114	8488	60
Dec-87	36712	2650	12341	267	8031	61
Jan-88	36862	2410	12714	354	9121	61
Feb-88	44937	2718	5895	113	7053	63
Mar-88	37400	2651	11849	262	7700	63
Apr-88	34920	2437	12774	353	8704	63
May-88	46420	2745	6185	126	8695	63
Jun-88	39536	2658	17688	268	8784	62
Jul-88	40922	2465	12997	357	9996	61
Aug-88	56541	2805	6834	143	9936	61
Sep-88	44953	2698	15669	262	10253	61
Oct-88	39936	2422	14558	354	10072	61
Nov-88	51117	2813	7139	145	7908	63
Dec-88	37071	2657	13699	262	7607	63
Jan-89	35810	2382	11885	358	7802	63
Feb-89	46557	2818	6720	150	7206	63
Mar-89	37526	2649	12541	263	7057	63
Apr-89	34272	2416	11858	353	8042	63
May-89	45210	2803	6756	157	6703	62
Jun-89	38709	2670	12451	267	9329	65
Jul-89	38798	2437	13313	348	9701	65
Aug-89	54103	2868	7527	162	9054	65
Sep-89	42000	2695	14260	270	9121	65
Oct-89	36676	2418	12750	352	8749	67
Nov-89	48361	2879	7601	162	7872	68
Dec-89	39680	2665	13052	263	7909	63
Jan-90	35758	2304	13464	344	8105	67
Feb-90	47128	2702	7488	162	7631	62
Mar-90	38046	2541	11541	260	7205	62
Apr-90	33351	2315	11826	342	8073	63
May-90	45595	2717	6488	164	7397	63
Jun-90	38598	2533	10955	264	8352	64
Jul-90	39335	2297	15127	349	11561	69
Aug-90	55804	2724	8844	165	11594	70
Sep-90	41563	2516	12716	261	11191	67
Oct-90	37053	2305	12783	340	9774	68
Nov-90	49603	2715	7697	165	8483	66
Dec-90	37426	2507	11718	257	8917	68
Jan-91	35836	2301	12255	346	7149	66
Feb-91	46718	2707	7265	164	7434	66
Mar-91	36476	2498	11273	252	7610	68
Apr-91	33302	2292	10563	343	8666	66
May-91	46105	2720	6632	165	7696	65
Jun-91	39043	2519	12718	262	9998	67
Jul-91	39350	2291	12181	350	8540	68
Aug-91	56235	2733	9154	167	9980	62
Sep-91	40642	2530	14780	257	10151	65
Oct-91	35547	2289	13613	352	8324	65
Nov-91	49079	2744	7873	166	9215	65
Dec-91	35509	2524	12494	259	7873	65

Jan-92	33810	2287	11220	352	7616	65
Feb-92	45264	2735	14128	165	7924	66
Mar-92	36104	2521	11833	256	7204	66
Apr-92	31436	2274	11271	349	7392	64
May-92	45076	2740	6322	166	7706	65
Jun-92	36633	2486	11428	258	7761	65
Jul-92	34782	2269	14128	353	8101	65
Aug-92	49053	2738	7514	165	9842	65
Sep-92	40200	2519	14308	265	8774	65
Oct-92	34077	2285	12180	357	8649	65
Nov-92	46427	2753	6752	164	8543	64
Dec-92	35841	2517	12050	262	8372	66
Jan-93	33459	2276	11785	353	7951	65
Feb-93	20886	2750	3662	164	6880	65
Mar-93	35389	2532	11205	261	7172	63
Apr-93	30853	2288	10310	353	7914	63
May-93	43164	2758	5979	163	8225	64
Jun-93	36514	2530	12658	262	8069	63
Jul-93	36519	2291	12588	353	8861	63
Aug-93	52751	2755	7905	167	10202	63
Sep-93	40761	2527	14350	265	9874	63
Oct-93	36555	2293	12515	359	8957	64
Nov-93	48030	2757	8054	166	8273	63
Dec-93	34069	2528	11558	260	7742	66
Jan-94	33197	2288	11550	357	7546	64
Feb-94	43710	2757	8882	169	7148	64
Mar-94	34476	2510	11545	262	7997	65
Apr-94	30683	2293	11571	358	8287	65
May-94	43302	2778	6571	168	7655	64
Jun-94	35938	2528	11328	262	8450	66
Jul-94	34826	2287	13700	360	8986	66
Aug-94	51083	2766	7707	169	9770	65
Sep-94	39351	2538	15068	258	9827	66
Oct-94	33969	2297	12927	358	9206	66
Nov-94	46562	2783	7915	166	7985	64
Dec-94	34693	2548	12156	256	8300	64
Jan-95	31084	2283	10780	354	8254	64
Feb-95	43465	2789	8545	163	7581	64
Mar-95	34585	2553	11895	261	7647	64
Apr-95	31199	2288	10788	355	8912	65
May-95	43840	2793	5876	159	7579	66
Jun-95	36823	2555	13490	271	8887	66
Jul-95	33834	2299	11852	357	9701	67
Aug-95	51502	2805	8766	171	9566	66
Sep-95	39213	2562	14393	267	10403	67
Oct-95	35646	2294	12733	360	9767	66
Nov-95	48090	2801	8233	174	9335	65
Dec-95	35610	2562	13025	264	8481	67
Jan-96	31180	2295	10777	358	8698	66
Feb-96	43708	2801	8244	172	8813	64
Mar-96	35680	2561	12092	263	8387	68
Apr-96	30678	2282	10770	352	8712	65
May-96	42942	2856	6150	171	8604	67
Jun-96	35785	2559	12893	265	9816	67
Jul-96	33866	2304	11520	354	9812	65
Aug-96	49363	2858	7894	174	9665	71
Sep-96	37875	2548	15542	269	10202	71
Oct-96	33008	2302	9984	357	7988	69
Nov-96	44811	2848	7426	176	8611	67
Dec-96	33444	2545	11363	268	7235	67

Jan-87	69093	3390	(50)	3	Jan-92	88778	4541	1150	20
Feb-87	78490	4046	117	6	Feb-92	84977	4447	218	7
Mar-87	78836	4070	18512	161	Mar-92	81278	4675	24348	272
Apr-87	67568	3443	100	4	Apr-92	84617	4539	1200	20
May-87	79098	4126	390	8	May-92	84441	4443	426	7
Jun-87	81604	4071	20996	176	Jun-92	86522	4682	26076	267
Jul-87	85962	3554	370	7	Jul-92	98418	4547	1607	21
Aug-87	96189	4178	333	10	Aug-92	92482	4482	660	7
Sep-87	92076	4127	20702	189	Sep-92	90476	4709	29477	267
Oct-87	87659	3690	70	4	Oct-92	90233	4551	1383	22
Nov-87	82910	4190	342	10	Nov-92	85461	4511	611	7
Dec-87	77506	4201	19414	190	Dec-92	81654	4749	27538	264
Jan-88	78869	3755	78	3	Jan-93	87567	4569	1353	23
Feb-88	79924	4196	323	6	Feb-93	83500	4552	213	7
Mar-88	77781	4248	24781	201	Mar-93	82167	4788	25964	270
Apr-88	75116	3852	(2807)	4	Apr-93	82631	4566	1247	23
May-88	80083	4230	258	10	May-93	83305	4569	308	7
Jun-88	84970	4290	21727	207	Jun-93	89357	4806	29069	285
Jul-88	100725	3988	225	10	Jul-93	103863	4569	1697	23
Aug-88	98809	4228	279	10	Aug-93	100593	4613	991	7
Sep-88	98830	4322	23285	213	Sep-93	101778	4801	32035	272
Oct-88	92923	4057	98	6	Oct-93	101084	4583	1985	23
Nov-88	86814	4269	310	10	Nov-93	88939	4660	628	8
Dec-88	81337	4418	22733	205	Dec-93	80693	4844	29791	278
Jan-89	80828	4138	82	6	Jan-94	88569	4600	1422	26
Feb-89	80971	4309	243	10	Feb-94	84532	4709	466	8
Mar-89	79338	4456	24391	217	Mar-94	80247	4878	29374	280
Apr-89	78889	4148	17	5	Apr-94	83908	4602	1407	26
May-89	80016	4342	255	9	May-94	87072	4725	684	9
Jun-89	86339	4521	23068	223	Jun-94	94766	4906	34436	261
Jul-89	90652	4191	452	8	Jul-94	107966	4621	1607	26
Aug-89	93017	4389	(303)	9	Aug-94	102424	4738	804	11
Sep-89	90990	4569	26829	244	Sep-94	97396	4919	35854	280
Oct-89	95097	4258	168	23	Oct-94	88481	4635	1521	26
Nov-89	89235	4396	328	13	Nov-94	87551	4768	968	12
Dec-89	81729	4597	25328	246	Dec-94	81857	4934	32380	280
Jan-90	83368	4318	432	20	Jan-95	88928	4643	2551	49
Feb-90	85283	4394	(177)	11	Feb-95	84004	4803	8225	158
Mar-90	84262	4562	24468	284	Mar-95	82813	4944	18609	113
Apr-90	81211	4348	299	47	Apr-95	85827	4664	3523	49
May-90	82366	4404	419	13	May-95	91428	4825	11451	162
Jun-90	86749	4573	25701	280	Jun-95	91082	4972	18605	114
Jul-90	102134	4390	1191	73	Jul-95	98707	4679	4300	49
Aug-90	99667	4403	115	15	Aug-95	98830	4840	12540	167
Sep-90	97762	4609	25952	279	Sep-95	101508	5004	20147	114
Oct-90	95353	4438	888	26	Oct-95	107074	4693	5013	49
Nov-90	86737	4413	277	7	Nov-95	97347	4855	12531	164
Dec-90	80267	4615	31995	276	Dec-95	86828	5042	17828	114
Jan-91	87601	4463	(4515)	24	Jan-96	88172	4718	2759	50
Feb-91	80307	4408	127	7	Feb-96	85389	4870	10388	169
Mar-91	81866	4625	25488	275	Mar-96	82766	5060	17987	114
Apr-91	86730	4487	789	21	Apr-96	87367	4739	6580	53
May-91	86184	4403	366	7	May-96	87086	4867	11575	174
Jun-91	93541	4631	26655	273	Jun-96	89593	5090	17106	119
Jul-91	112252	4494	3447	20	Jul-96	99346	4766	4155	54
Aug-91	107804	4441	(928)	7	Aug-96	96803	4897	13885	168
Sep-91	99729	4623	30516	274	Sep-96	93428	5139	18784	123
Oct-91	99189	4513	2118	21	Oct-96	91645	4787	4156	54
Nov-91	87242	4442	381	7	Nov-96	88994	4904	13014	171
Dec-91	83536	4660	26814	274	Dec-96	86039	5187	18946	122

```

options nodate;

title1 "Screening Predictors: Lexington, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=15 and division=03 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'lexingtn.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'lexingtn.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x14;
residenq = x1/x2;
commercq = x3/x4;
commercm = x5/x6;
industrm = x7/x8;
opa_q    = x9/x10;
opa_m    = x11/x12;
owu_m    = x13/x14;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data lexingtn; merge palmer weather use; by year month;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenq commercq commercm industrm opa_q opa_m owu_m;

data partial; set;
    jan = month=1;
    feb = month=2;
    mar = month=3;
    apr = month=4;
    may = month=5;
    jun = month=6;
    jul = month=7;
    aug = month=8;
    sep = month=9;
    oct = month=10;
    nov = month=11;
    dec = month=12;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenq commercq commercm industrm opa_q opa_m owu_m;
    partial jan--nov;

```

```
options nodate;

title1 "Screening Predictors: Chattanooga, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=40 and division=01 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'chattano.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'chattano.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x10;
residenm = x1/x2;
commercm = x3/x4;
industrm = x5/x6;
opa_m = x7/x8;
owu_m = x9/x10;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data chattano; merge palmer weather use; by year month;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenm commercm industrm opa_m owu_m;

data partial; set;
jan = month=1;
feb = month=2;
mar = month=3;
apr = month=4;
may = month=5;
jun = month=6;
jul = month=7;
aug = month=8;
sep = month=9;
oct = month=10;
nov = month=11;
dec = month=12;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenm commercm industrm opa_m owu_m;
partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Brunswick, MO, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=23 and division=01 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'brunswick.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'brunswick.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x4;
residerm = x1/x2;
commercm = x3/x4;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data brunswick; merge palmer weather use; by year month;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residerm commercm;

data partial; set;
    jan = month=1;
    feb = month=2;
    mar = month=3;
    apr = month=4;
    may = month=5;
    jun = month=6;
    jul = month=7;
    aug = month=8;
    sep = month=9;
    oct = month=10;
    nov = month=11;
    dec = month=12;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residerm commercm;
    partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Mexico, MO, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=23 and division=02 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'mexico.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'mexico.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x4;
residerm = x1/x2;
commercm = x3/x4;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data mexico; merge palmer weather use; by year month;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residerm commercm;

data partial; set;
    jan = month=1;
    feb = month=2;
    mar = month=3;
    apr = month=4;
    may = month=5;
    jun = month=6;
    jul = month=7;
    aug = month=8;
    sep = month=9;
    oct = month=10;
    nov = month=11;
    dec = month=12;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residerm commercm;
    partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Parkville, MO, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=23 and division=01 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'parkvill.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'parkvill.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x4;
residenm = x1/x2;
commercm = x3/x4;

year = year(mo_yr);
month = month(mo_yr);

casino = (year>=1995 or year>=1994 and month>=10);

PROC SORT; BY YEAR MONTH;

data parkvill; merge palmer weather use; by year month;

if casino then commercm = .;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenm commercm;

data partial; set;
    jan = month=1;
    feb = month=2;
    mar = month=3;
    apr = month=4;
    may = month=5;
    jun = month=6;
    jul = month=7;
    aug = month=8;
    sep = month=9;
    oct = month=10;
    nov = month=11;
    dec = month=12;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenm;
    partial jan--nov;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with commercm;
    partial jan--nov;
```



```
options nodate;

title1 "Screening Predictors: Cottleville, MO, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=23 and division=02 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'cottlevl.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'cottlevl.use' (recl=200 missover;
input mo_yr : monyy6. x1-x4;
residenm = x1/x2;
commercm = x3/x4;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data cottlevl; merge palmer weather use; by year month;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenm commercm;

data partial; set;
jan = month=1;
feb = month=2;
mar = month=3;
apr = month=4;
may = month=5;
jun = month=6;
jul = month=7;
aug = month=8;
sep = month=9;
oct = month=10;
nov = month=11;
dec = month=12;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenm commercm;
partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Warrensburg, MO, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=23 and division=03 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'warrensb.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'warrensb.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x4;
residem = x1/x2;
commercm = x3/x4;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data warrensb; merge palmer weather use; by year month;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residem commercm;

data partial; set;
    jan = month=1;
    feb = month=2;
    mar = month=3;
    apr = month=4;
    may = month=5;
    jun = month=6;
    jul = month=7;
    aug = month=8;
    sep = month=9;
    oct = month=10;
    nov = month=11;
    dec = month=12;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residem commercm;
    partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Ashtabula, OH, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=33 and division=03 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'ashtabul.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'ashtabul.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x2;
residenb = x1/x2;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data ashtabul; merge palmer weather use; by year month;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenb;

data partial; set;
jan = month=1;
feb = month=2;
mar = month=3;
apr = month=4;
may = month=5;
jun = month=6;
jul = month=7;
aug = month=8;
sep = month=9;
oct = month=10;
nov = month=11;
dec = month=12;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenb;
partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Chesapeake and Lawrence County, OH, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=33 and division=09 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'chesapea.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'chesapea.use' (recl=200 missover;
input mo_yr : monyy6. x1-x2;
residenb = x1/x2;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data chesapea; merge palmer weather use; by year month;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenb;

data partial; set;
jan = month=1;
feb = month=2;
mar = month=3;
apr = month=4;
may = month=5;
jun = month=6;
jul = month=7;
aug = month=8;
sep = month=9;
oct = month=10;
nov = month=11;
dec = month=12;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenb;
partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Marion, OH, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=33 and division=05 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'marion.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'marion.use' (recl=200 missover;
input mo_yr : monyy6. x1-x2;
residenb = x1/x2;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data marion; merge palmer weather use; by year month;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenb;

data partial; set;
jan = month=1;
feb = month=2;
mar = month=3;
apr = month=4;
may = month=5;
jun = month=6;
jul = month=7;
aug = month=8;
sep = month=9;
oct = month=10;
nov = month=11;
dec = month=12;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenb;
partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Tiffin, OH, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=33 and division=02 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'tiffin.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'tiffin.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x2;
residenb = x1/x2;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data tiffin; merge palmer weather use; by year month;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenb;

data partial; set;
    jan = month=1;
    feb = month=2;
    mar = month=3;
    apr = month=4;
    may = month=5;
    jun = month=6;
    jul = month=7;
    aug = month=8;
    sep = month=9;
    oct = month=10;
    nov = month=11;
    dec = month=12;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenb;
    partial jan--nov;
```

```
options nodate;

title1 "Screening Predictors: Alexandria, VA, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=44 and division=04 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'washnatl.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'alexandr.use' (recl=200 missover;
input mo_yr : monyy6. x1-x6;
residenq = x1/x2;
commercq = x3/x4;
commerc = x5/x6;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data alexandr; merge palmer weather use; by year month;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenq commercq commerc;

data partial; set;
    jan = month=1;
    feb = month=2;
    mar = month=3;
    apr = month=4;
    may = month=5;
    jun = month=6;
    jul = month=7;
    aug = month=8;
    sep = month=9;
    oct = month=10;
    nov = month=11;
    dec = month=12;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenq commercq commerc;
partial jan--nov;
```

```

options nodate;

title1 "Screening Predictors: Hopewell, VA, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=44 and division=01 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'hopewell.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'hopewell.use' (recl=200 missover;
input mo_yr : monyy6. x1-x6;
residenq = x1/x2;
commercq = x3/x4;
commercm = x5/x6;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data hopewell; merge palmer weather use; by year month;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenq commercq commercm;

data partial; set;
jan = month=1;
feb = month=2;
mar = month=3;
apr = month=4;
may = month=5;
jun = month=6;
jul = month=7;
aug = month=8;
sep = month=9;
oct = month=10;
nov = month=11;
dec = month=12;

proc corr nosimple;
var meantemp cdd precip pdsi soilmstr;
with residenq commercq commercm;
partial jan--nov;

```



```
options nodate;

title1 "Screening Predictors: Prince William County, VA, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=44 and division=04 and (1987<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;

data weather; infile 'washnatl.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1987<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var precip meantemp cdd soilmstr;
output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'princewm.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x4;
residenq = x1/x2;
commercq = x3/x4;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data princewm; merge palmer weather use; by year month;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenq commercq;

data partial; set;
    jan = month=1;
    feb = month=2;
    mar = month=3;
    apr = month=4;
    may = month=5;
    jun = month=6;
    jul = month=7;
    aug = month=8;
    sep = month=9;
    oct = month=10;
    nov = month=11;
    dec = month=12;

proc corr nosimple;
    var meantemp cdd precip pdsi soilmstr;
    with residenq commercq;
    partial jan--nov;
```

Screening Predictors: Lexington, 1987-1996

1

CORRELATION ANALYSIS

7 'WITH' Variables: RESIDENQ COMMERCQ COMMERCM INDUSTRM OPA_Q OPA_M
OWU_M
5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENQ	0.47957 0.0001 119	0.47570 0.0001 119	-0.24471 0.0073 119	-0.35539 0.0001 119	-0.39127 0.0001 119
COMMERCQ	0.23010 0.0118 119	0.19838 0.0306 119	-0.04799 0.6042 119	-0.18686 0.0419 119	-0.23413 0.0104 119
COMMERCM	0.73152 0.0001 117	0.67508 0.0001 117	-0.21110 0.0223 117	-0.24701 0.0073 117	-0.29407 0.0013 117
INDUSTRM	0.41920 0.0001 120	0.34776 0.0001 120	-0.02064 0.8229 120	0.27666 0.0022 120	-0.09111 0.3223 120
OPA_Q	0.39144 0.0001 119	0.34327 0.0001 119	0.03573 0.6997 119	0.03608 0.6968 119	-0.03565 0.7003 119
OPA_M	0.72531 0.0001 117	0.64948 0.0001 117	-0.22360 0.0154 117	-0.23215 0.0118 117	-0.32010 0.0004 117
OWU_M	0.46155 0.0001 120	0.47311 0.0001 120	-0.05764 0.5318 120	-0.10983 0.2324 120	-0.17851 0.0511 120

Screening Predictors: Lexington, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV
7 'WITH' Variables: RESIDENQ COMMERCQ COMMERCM INDUSTRM OPA_Q
OPA_M OWU_M
5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 117

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENQ	0.18228 0.0615	0.33557 0.0004	-0.18302 0.0604	-0.58271 0.0001	-0.21986 0.0235
COMMERCQ	0.19328 0.0471	0.20960 0.0311	-0.14075 0.1501	-0.43306 0.0001	-0.13416 0.1703
COMMERCM	0.10467 0.2856	0.27447 0.0044	-0.34080 0.0004	-0.55730 0.0001	-0.22742 0.0191
INDUSTRM	-0.13724 0.1606	-0.13996 0.1524	-0.03146 0.7488	0.32299 0.0007	0.01834 0.8520
OPA_Q	-0.10249 0.2958	-0.06638 0.4990	-0.05559 0.5714	0.04292 0.6622	0.02601 0.7913
OPA_M	0.07511 0.4441	0.22178 0.0223	-0.36539 0.0001	-0.51503 0.0001	-0.28860 0.0027
OWU_M	0.04471 0.6490	0.08694 0.3755	0.01202 0.9027	-0.14666 0.1336	0.02279 0.8166

Screening Predictors: Chattanooga, 1987-1996

1

CORRELATION ANALYSIS

5 'WITH' Variables: RESIDENM COMMERCM INDUSTRM OPA_M OWU_M
 5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
 / Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.53317 0.0001 115	0.58662 0.0001 115	-0.10760 0.2524 115	-0.28120 0.0023 115	-0.20591 0.0273 115
COMMERCM	0.62766 0.0001 115	0.62981 0.0001 115	-0.15121 0.1067 115	-0.16596 0.0763 115	-0.23370 0.0119 115
INDUSTRM	0.40751 0.0001 120	0.42683 0.0001 120	-0.16013 0.0806 120	-0.32253 0.0003 120	-0.29579 0.0010 120
OPA_M	0.25504 0.0049 120	0.21272 0.0197 120	-0.09061 0.3250 120	-0.18627 0.0417 120	-0.19357 0.0341 120
OWU_M	0.38294 0.0001 120	0.40077 0.0001 120	-0.08278 0.3688 120	0.27886 0.0020 120	-0.13868 0.1309 120

Screening Predictors: Chattanooga, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
 JUN JUL AUG SEP OCT
 NOV
 5 'WITH' Variables: RESIDENM COMMERCM INDUSTRM OPA_M OWU_M
 5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
 / N = 115

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.24507 0.0122	0.24596 0.0118	-0.09408 0.3421	-0.39741 0.0001	-0.25165 0.0100
COMMERCM	0.26437 0.0067	0.26156 0.0073	-0.08285 0.4031	-0.34621 0.0003	-0.22542 0.0214
INDUSTRM	0.08888 0.3696	0.12960 0.1898	-0.09235 0.3511	-0.48343 0.0001	-0.24416 0.0125
OPA_M	0.13176 0.1824	0.16881 0.0867	-0.01042 0.9164	-0.17568 0.0744	-0.11240 0.2560
OWU_M	0.17379 0.0777	0.16487 0.0944	0.01089 0.9127	0.30735 0.0015	-0.04294 0.6652

Screening Predictors: Brunswick, MO, 1987-1996

1

CORRELATION ANALYSIS

2 'WITH' Variables: RESIDENM COMMERCM

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.06834	0.11542	-0.02276	0.16969	-0.07682
	0.4641	0.2094	0.8067	0.0639	0.4043
	117	120	118	120	120
COMMERCM	0.43823	0.43354	0.10678	0.05775	0.09199
	0.0001	0.0001	0.2498	0.5310	0.3176
	117	120	118	120	120

Screening Predictors: Brunswick, MO, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

2 'WITH' Variables: RESIDENM COMMERCM

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 117

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.03261	-0.04505	-0.01643	0.17360	-0.03456
	0.7400	0.6465	0.8673	0.0751	0.7250
COMMERCM	0.01815	0.00694	-0.12720	0.01161	-0.05772
	0.8535	0.9437	0.1938	0.9060	0.5567

Screening Predictors: Mexico, MO, 1987-1996 1

CORRELATION ANALYSIS

2 'WITH' Variables: RESIDENM COMMERCH SOILMSTR
5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.39761 0.0001 115	0.52676 0.0001 120	-0.14364 0.1240 116	-0.22469 0.0136 120	-0.09090 0.3234 120
COMMERCH	0.40683 0.0001 115	0.43322 0.0001 120	0.06407 0.4945 116	-0.01392 0.8801 120	-0.02186 0.8126 120

Screening Predictors: Mexico, MO, 1987-1996 2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

2 'WITH' Variables: RESIDENM COMMERCH
5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 115

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.05237 0.5975	-0.19486 0.0475	-0.28036 0.0039	-0.35718 0.0002	-0.25214 0.0098
COMMERCH	0.14775 0.1345	0.12009 0.2246	-0.06647 0.5026	-0.00345 0.9723	0.02219 0.8231

1

Screening Predictors: Parkville, MO, 1987-1996

CORRELATION ANALYSIS

2 'WITH' Variables: RESIDENM COMMERCH
5 'VAR' Variables: MEANTEMP CDD
PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.61360	0.69751	0.09698	-0.28337	-0.01746
	0.0001	0.0001	0.2920	0.0017	0.8499
	120	120	120	120	120
COMMERCH	0.55795	0.61980	0.10994	-0.25493	-0.04142
	0.0001	0.0001	0.2942	0.0137	0.6934
	93	93	93	93	93

2

Screening Predictors: Parkville, MO, 1987-1996

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

1 'WITH' Variables: RESIDENM
5 'VAR' Variables: MEANTEMP CDD
PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 120

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.30468	0.40430	-0.27153	-0.52877	-0.36228
	0.0013	0.0001	0.0043	0.0001	0.0001

Screening Predictors: Parkville, MO, 1987-1996

3

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

1 'WITH' Variables: COMMERCH
5 'VAR' Variables: MEANTEMP CDD
PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 93

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
COMMERCH	0.20206	0.30188	-0.22819	-0.40874	-0.30905
	0.0687	0.0058	0.0392	0.0001	0.0047

Screening Predictors: Cottleville, MO, 1987-1996

1

CORRELATION ANALYSIS

2 'WITH' Variables: RESIDENM COMMERCH SOILMSTR
 5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
 / Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.72657 0.0001 116	0.72618 0.0001 120	-0.10312 0.2644 119	-0.22914 0.0118 120	-0.13933 0.1291 120
COMMERCH	0.65298 0.0001 116	0.65380 0.0001 120	-0.02947 0.7503 119	-0.24853 0.0062 120	-0.13677 0.1363 120

Screening Predictors: Cottleville, MO, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
 JUN JUL AUG SEP OCT
 NOV

2 'WITH' Variables: RESIDENM COMMERCH
 5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
 / N = 116

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.08644 0.3806	0.09172 0.3521	-0.16202 0.0987	-0.45580 0.0001	-0.23402 0.0163
COMMERCH	-0.00364 0.9706	0.08146 0.4087	-0.10223 0.2994	-0.40498 0.0001	-0.16002 0.1030

Screening Predictors: Warrensburg, MO, 1987-1996

1

CORRELATION ANALYSIS

2 'WITH' Variables: RESIDENM COMMERCM

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.33290 0.0021 83	0.35696 0.0001 120	-0.05609 0.6058 87	-0.07670 0.4051 120	0.01640 0.8589 120
COMMERCM	-0.04584 0.6807 83	-0.05015 0.5865 120	0.11897 0.2724 87	0.27736 0.0022 120	-0.01298 0.8881 120

Screening Predictors: Warrensburg, MO, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

2 'WITH' Variables: RESIDENM COMMERCM

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 82

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENM	0.06855 0.5700	0.26681 0.0245	-0.22266 0.0620	-0.08617 0.4749	-0.23168 0.0519
COMMERCM	-0.30797 0.0090	-0.13231 0.2714	0.10432 0.3866	0.34190 0.0035	-0.05816 0.6300

Screening Predictors: Ashtabula, OH, 1987-1996

1

CORRELATION ANALYSIS

1 'WITH' Variables: RESIDENB

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENB	0.60551	0.59036	0.12884	-0.14697	0.21833
	0.0001	0.0001	0.2038	0.1366	0.0260
	99	104	99	104	104

Screening Predictors: Ashtabula, OH, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

1 'WITH' Variables: RESIDENB

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 99

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENB	0.07756	0.19481	-0.07605	-0.35661	-0.08664
	0.4726	0.0689	0.4813	0.0006	0.4222

Screening Predictors: Chesapeake and Lawrence County, OH, 1987-1996 1

CORRELATION ANALYSIS

1 'WITH' Variables: RESIDENB

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENB	0.54911	0.60034	-0.02617	-0.30834	-0.26031
	0.0001	0.0001	0.7900	0.0013	0.0070
	106	106	106	106	106

Screening Predictors: Chesapeake and Lawrence County, OH, 1987-1996 2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

1 'WITH' Variables: RESIDENB

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 106

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENB	0.12705	0.18420	-0.03426	-0.39378	-0.17570
	0.2199	0.0740	0.7417	0.0001	0.0885

Screening Predictors: Marion, OH, 1987-1996

1

CORRELATION ANALYSIS

1 'WITH' Variables: RESIDENB

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENB	0.57620	0.59317	0.02984	-0.16442	-0.23826
	0.0001	0.0001	0.7625	0.0891	0.0130
	107	108	105	108	108

Screening Predictors: Marion, OH, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

1 'WITH' Variables: RESIDENB

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 105

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENB	0.09885	0.16885	-0.23166	-0.45944	-0.27358
	0.3432	0.1038	0.0247	0.0001	0.0076

Screening Predictors: Tiffin, OH, 1987-1996

2

CORRELATION ANALYSIS

1 'WITH' Variables: RESIDENB
 5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
 / Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENB	0.49681 0.0001 107	0.56102 0.0001 108	-0.17244 0.0757 107	-0.28089 0.0032 108	-0.17742 0.0662 108

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
 JUN JUL AUG SEP OCT
 NOV

1 'WITH' Variables: RESIDENB
 5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
 / N = 107

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENB	0.13545 0.1882	0.29936 0.0030	-0.31936 0.0015	-0.33339 0.0009	-0.24013 0.0184

Screening Predictors: Alexandria, VA, 1987-1996

1

CORRELATION ANALYSIS

3 'WITH' Variables: RESIDENQ COMMERCQ COMMERCM

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 120

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENQ	0.26640 0.0033	0.24198 0.0078	-0.01395 0.8798	-0.24900 0.0061	-0.07023 0.4459
COMMERCQ	0.20524 0.0245	0.19710 0.0309	-0.04392 0.6338	-0.20509 0.0246	-0.13344 0.1462
COMMERCM	0.76181 0.0001	0.80328 0.0001	0.07004 0.4472	0.01705 0.8534	0.02218 0.8100

Screening Predictors: Alexandria, VA, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

3 'WITH' Variables: RESIDENQ COMMERCQ COMMERCM

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0 / N = 120

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENQ	0.02695 0.7809	0.15645 0.1042	-0.19352 0.0438	-0.47635 0.0001	-0.10849 0.2615
COMMERCQ	0.14052 0.1450	0.18458 0.0547	-0.03180 0.7427	-0.20910 0.0291	-0.04942 0.6098
COMMERCM	0.07073 0.4649	0.24598 0.0099	0.03804 0.6945	0.09213 0.3407	0.00358 0.9705

Screening Predictors: Hopewell, VA, 1987-1996

1

CORRELATION ANALYSIS

3 'WITH' Variables: RESIDENQ COMMERQ COMMERCH

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
/ Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENQ	0.35180 0.0001 115	0.35966 0.0001 120	0.03518 0.7077 116	-0.19946 0.0290 120	-0.04613 0.6169 120
COMMERQ	0.06986 0.4582 115	0.11293 0.2194 120	0.01483 0.8744 116	-0.19366 0.0341 120	-0.11843 0.1976 120
COMMERCH	0.53789 0.0001 115	0.54813 0.0001 120	0.04405 0.6387 116	-0.26243 0.0038 120	0.00569 0.9508 120

Screening Predictors: Hopewell, VA, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
JUN JUL AUG SEP OCT
NOV

3 'WITH' Variables: RESIDENQ COMMERQ COMMERCH

5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
/ N = 115

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENQ	0.05149 0.6037	0.00984 0.9211	-0.08984 0.3644	-0.17819 0.0703	-0.13071 0.1860
COMMERQ	-0.05230 0.5980	-0.07844 0.4287	0.03593 0.7173	-0.21388 0.0292	-0.06829 0.4910
COMMERCH	-0.17922 0.0687	-0.10867 0.2722	-0.09236 0.3511	-0.17088 0.0829	-0.09525 0.3361

Screening Predictors: Prince William County, VA, 1987-1996

1

CORRELATION ANALYSIS

2 'WITH' Variables: RESIDENQ COMMERCQ
 5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0
 / Number of Observations

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENQ	0.57925 0.0001 120	0.60774 0.0001 120	-0.03109 0.7360 120	-0.31709 0.0004 120	-0.14248 0.1206 120
COMMERCQ	0.13927 0.1394 114	0.15376 0.1024 114	0.06855 0.4687 114	0.11883 0.2079 114	0.02353 0.8038 114

Screening Predictors: Prince William County, VA, 1987-1996

2

CORRELATION ANALYSIS

11 'PARTIAL' Variables: JAN FEB MAR APR MAY
 JUN JUL AUG SEP OCT
 NOV

2 'WITH' Variables: RESIDENQ COMMERCQ
 5 'VAR' Variables: MEANTEMP CDD PRECIP PDSI SOILMSTR

Pearson Partial Correlation Coefficients / Prob > |R| under Ho: Partial Rho=0
 / N = 114

	MEANTEMP	CDD	PRECIP	PDSI	SOILMSTR
RESIDENQ	0.09405 0.3447	0.24988 0.0109	-0.16361 0.0987	-0.51740 0.0001	-0.18586 0.0602
COMMERCQ	0.00572 0.9542	0.04398 0.6591	-0.00475 0.9620	0.14675 0.1391	0.00931 0.9257

```
options nodate nonumber ls=72;

title1 "Screening for Models: Lexington, 1987-1996";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=15 and division=03 and (1986<=year<=1996);
array x{*} x1-x12;
do month=1 to 12;
    pdsi = x{month};
    output;
end;
keep month year pdsi;

data weather; infile 'lexingtn.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ??
    meantemp ??;
if 1986<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month;
    var precip meantemp cdd soilmstr;
    output out=weather mean=precip meantemp cdd soilmstr;

data use; infile 'lexingtn.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x14;
residenq = x1/x2;
commercq = x3/x4;
commercm = x5/x6;
industrm = x7/x8;
opa_q    = x9/x10;
opa_m    = x11/x12;
owu_m    = x13/x14;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data lexingtn; merge palmer weather use; by year month;
laglcdd = lag1(cdd);
laglpdsi = lag1(pdsi);

pdsi1    = min(1,pdsi);
pdsi0    = min(0,pdsi);
pdsi_    = min(-1,pdsi);

laglpds1 = min(1,laglpdsi);
laglpds0 = min(0,laglpdsi);
laglpds_ = min(-1,laglpdsi);

if year>=1987;
```



```
proc glm; classes month;
  model residenq = month pdsi*month cdd*month year;

proc glm; classes month;
  model commercq = month pdsi*month cdd*month year;

proc glm; classes month;
  model commercm = month pdsi*month cdd*month year;

proc glm; classes month;
  model industrm = month pdsi*month cdd*month year;

proc glm; classes month;
  model opa_q = month pdsi*month cdd*month year;

proc glm; classes month;
  model opa_m = month pdsi*month cdd*month year;

proc glm; classes month;
  model owu_m = month pdsi*month cdd*month year;


proc glm; classes month;
  model residenq = month laglpds0*month laglcdd*month year;

proc glm; classes month;
  model commercq = month laglpds0*month laglcdd*month year;

proc glm; classes month;
  model opa_q = month laglpds0*month laglcdd*month year;


proc glm; classes month;
  model residenq = month laglpds0*month year / solution;

proc glm; classes month;
  model commercq = month pdsi*month year / solution;

proc glm; classes month;
  model commercm = month pdsi*month / solution;

proc glm; classes month;
  model opa_m = month pdsi*month / solution;
```

Screening for Models: Lexington, 1987-1996

General Linear Models Procedure

Dependent Variable: RESIDENQ

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	710.75446	21.53801	20.64	0.0001
Error	85	88.68859	1.04340		
Corrected Total	118	799.44305			

R-Square	C.V.	Root MSE	RESIDENQ Mean
0.889062	5.693187	1.0215	17.94192

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	490.89545	44.62686	42.77	0.0001
PDSI*MONTH	12	165.67032	13.80586	13.23	0.0001
CDD*MONTH	9	9.27904	1.03100	0.99	0.4560
YEAR	1	44.90964	44.90964	43.04	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	119.29374	10.84489	10.39	0.0001
PDSI*MONTH	12	91.60598	7.63383	7.32	0.0001
CDD*MONTH	9	6.17946	0.68661	0.66	0.7442
YEAR	1	44.90964	44.90964	43.04	0.0001

Screening for Models: Lexington, 1987-1996

General Linear Models Procedure

Dependent Variable: COMMERCQ

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	12066.553	365.653	17.52	0.0001
Error	85	1773.758	20.868		
Corrected Total	118	13840.312			

R-Square	C.V.	Root MSE	COMMERCQ Mean
0.871841	6.849263	4.5681	66.69510

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	10427.128	947.921	45.43	0.0001
PDSI*MONTH	12	1242.482	103.540	4.96	0.0001
CDD*MONTH	9	117.297	13.033	0.62	0.7731
YEAR	1	279.647	279.647	13.40	0.0004

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	3709.3683	337.2153	16.16	0.0001
PDSI*MONTH	12	916.6083	76.3840	3.66	0.0002
CDD*MONTH	9	138.8431	15.4270	0.74	0.6719
YEAR	1	279.6471	279.6471	13.40	0.0004

Screening for Models: Lexington, 1987-1996

General Linear Models Procedure

Dependent Variable: COMMERCM

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	134215.73	4067.14	24.34	0.0001
Error	83	13868.50	167.09		
Corrected Total	116	148084.24			

R-Square	C.V.	Root MSE	COMMERCM Mean
0.906347	5.558662	12.926	232.5442

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	120214.56	10928.60	65.41	0.0001
PDSI*MONTH	12	12941.94	1078.49	6.45	0.0001
CDD*MONTH	9	945.02	105.00	0.63	0.7697
YEAR	1	114.21	114.21	0.68	0.4107

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	23957.168	2177.924	13.03	0.0001
PDSI*MONTH	12	7689.429	640.786	3.83	0.0001
CDD*MONTH	9	904.734	100.526	0.60	0.7922
YEAR	1	114.213	114.213	0.68	0.4107

Screening for Models: Lexington, 1987-1996

General Linear Models Procedure

Dependent Variable: INDUSTRM

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	57204704	1733476	8.73	0.0001
Error	86	17083611	198647		
Corrected Total	119	74288315			

R-Square	C.V.	Root MSE	INDUSTRM Mean
0.770036	10.13959	445.70	4395.620

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	26708518	2428047	12.22	0.0001
PDSI*MONTH	12	6846711	570559	2.87	0.0023
CDD*MONTH	9	7751303	861256	4.34	0.0001
YEAR	1	15898171	15898171	80.03	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	14346615	1304238	6.57	0.0001
PDSI*MONTH	12	3509299	292442	1.47	0.1505
CDD*MONTH	9	4389982	487776	2.46	0.0154
YEAR	1	15898171	15898171	80.03	0.0001

Screening for Models: Lexington, 1987-1996

General Linear Models Procedure

Dependent Variable: OPA_Q

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	147982.99	4484.33	4.24	0.0001
Error	85	89991.61	1058.72		
Corrected Total	118	237974.60			

R-Square	C.V.	Root MSE	OPA_Q Mean
0.621844	27.09972	32.538	120.0679

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	128434.28	11675.84	11.03	0.0001
PDSI*MONTH	12	10743.76	895.31	0.85	0.6039
CDD*MONTH	9	8794.43	977.16	0.92	0.5096
YEAR	1	10.52	10.52	0.01	0.9208

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	40362.249	3669.295	3.47	0.0005
PDSI*MONTH	12	12964.200	1080.350	1.02	0.4380
CDD*MONTH	9	8630.388	958.932	0.91	0.5242
YEAR	1	10.520	10.520	0.01	0.9208

Screening for Models: Lexington, 1987-1996

General Linear Models Procedure

Dependent Variable: OPA_M

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	978389.53	29648.17	17.41	0.0001
Error	83	141319.09	1702.64		
Corrected Total	116	1119708.62			

R-Square	C.V.	Root MSE	OPA_M Mean
0.873789	7.410166	41.263	556.8438

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	898174.86	81652.26	47.96	0.0001
PDSI*MONTH	12	71877.40	5989.78	3.52	0.0003
CDD*MONTH	9	6725.46	747.27	0.44	0.9101
YEAR	1	1611.82	1611.82	0.95	0.3334

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	164828.08	14984.37	8.80	0.0001
PDSI*MONTH	12	44213.38	3684.45	2.16	0.0210
CDD*MONTH	9	6612.20	734.69	0.43	0.9145
YEAR	1	1611.82	1611.82	0.95	0.3334

Screening for Models: Lexington, 1987-1996

General Linear Models Procedure

Dependent Variable: OWU_M

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	87053882	2637996	3.46	0.0001
Error	86	65516340	761818		
Corrected Total	119	152570222			

R-Square	C.V.	Root MSE	OWU_M Mean
0.570582	21.67833	872.82	4026.242

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	72790461	6617315	8.69	0.0001
PDSI*MONTH	12	11537462	961455	1.26	0.2560
CDD*MONTH	9	2624141	291571	0.38	0.9405
YEAR	1	101819	101819	0.13	0.7156

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	6878542.6	625322.1	0.82	0.6195
PDSI*MONTH	12	8286939.0	690578.3	0.91	0.5440
CDD*MONTH	9	2599154.2	288794.9	0.38	0.9422
YEAR	1	101819.0	101819.0	0.13	0.7156

Screening for Models: Lexington, 1987-1996

General Linear Models Procedure

Dependent Variable: RESIDENQ

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	755.43781	22.89205	44.22	0.0001
Error	85	44.00524	0.51771		
Corrected Total	118	799.44305			
	R-Square	C.V.	Root MSE	RESIDENQ Mean	
	0.944955	4.010272	0.7195	17.94192	

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	490.89545	44.62686	86.20	0.0001
LAG1PDS0*MONTH	12	242.03742	20.16978	38.96	0.0001
LAG1CDD*MONTH	9	6.60166	0.73352	1.42	0.1938
YEAR	1	15.90328	15.90328	30.72	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	29.45392	2.67763	5.17	0.0001
LAG1PDS0*MONTH	12	106.95807	8.91317	17.22	0.0001
LAG1CDD*MONTH	9	9.93523	1.10391	2.13	0.0352
YEAR	1	15.90328	15.90328	30.72	0.0001

Screening for Models: Lexington, 1987-1996

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General Linear Models Procedure

Dependent Variable: COMMERCQ

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	11628.898	352.391	13.54	0.0001
Error	85	2211.413	26.017		
Corrected Total	118	13840.312			
	R-Square	C.V.	Root MSE	COMMERCQ Mean	
	0.840219	7.647713	5.1006	66.69510	

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	10427.128	947.921	36.44	0.0001
LAG1PDS0*MONTH	12	765.026	63.752	2.45	0.0086
LAG1CDD*MONTH	9	220.379	24.487	0.94	0.4943
YEAR	1	216.366	216.366	8.32	0.0050

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	2389.9535	217.2685	8.35	0.0001
LAG1PDS0*MONTH	12	349.4580	29.1215	1.12	0.3557
LAG1CDD*MONTH	9	270.4821	30.0536	1.16	0.3342
YEAR	1	216.3658	216.3658	8.32	0.0050

Screening for Models: Lexington, 1987-1996

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General Linear Models Procedure

Dependent Variable: OPA_Q

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	33	148418.91	4497.54	4.27	0.0001
Error	85	89555.69	1053.60		
Corrected Total	118	237974.60			

R-Square	C.V.	Root MSE	OPA_Q Mean
0.623675	27.03400	32.459	120.0679

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	128434.28	11675.84	11.08	0.0001
LAG1PDS0*MONTH	12	13145.60	1095.47	1.04	0.4211
LAG1CDD*MONTH	9	6755.38	750.60	0.71	0.6960
YEAR	1	83.65	83.65	0.08	0.7788

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	46618.777	4238.071	4.02	0.0001
LAG1PDS0*MONTH	12	8278.781	689.898	0.65	0.7891
LAG1CDD*MONTH	9	6387.467	709.719	0.67	0.7305
YEAR	1	83.648	83.648	0.08	0.7788

General Linear Models Procedure

Dependent Variable: RESIDENQ

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	745.50257	31.06261	54.13	0.0001
Error	94	53.94048	0.57383		
Corrected Total	118	799.44305			

R-Square	C.V.	Root MSE	RESIDENQ Mean
0.932527	4.222061	0.7575	17.94192

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	490.89545	44.62686	77.77	0.0001
LAG1PDS0*MONTH	12	242.03742	20.16978	35.15	0.0001
YEAR	1	12.56971	12.56971	21.90	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	197.17605	17.92510	31.24	0.0001
LAG1PDS0*MONTH	12	159.14715	13.26226	23.11	0.0001
YEAR	1	12.56971	12.56971	21.90	0.0001

Parameter	Estimate	T for H0: Parameter=0	Pr > T	Std Error of Estimate
INTERCEPT	273.9485215	B 4.97	0.0001	55.14303922
MONTH	1 0.9336799	B 2.25	0.0271	0.41588978
	2 0.3260510	B 0.77	0.4407	0.42110815
	3 -0.3978470	B -0.94	0.3511	0.42455056
	4 0.2854628	B 0.67	0.5056	0.42712585
	5 -0.5263676	B -1.25	0.2126	0.41941859
	6 0.4736398	B 1.14	0.2577	0.41594703
	7 3.5424000	B 8.58	0.0001	0.41266152
	8 2.6952435	B 6.24	0.0001	0.43217098
	9 3.8485453	B 9.09	0.0001	0.42350987
	10 3.7019728	B 8.95	0.0001	0.41359299
	11 1.4069859	B 3.48	0.0008	0.40456023
	12 0.0000000	B .	.	.
LAG1PDS0*MONTH	1 -0.0647840	-0.33	0.7399	0.19459657
	2 0.0846184	0.41	0.6820	0.20588654
	3 -0.1492402	-0.69	0.4946	0.21763973
	4 -0.2116583	-1.01	0.3169	0.21037245
	5 -0.4242324	-1.94	0.0549	0.21828256
	6 -1.7522548	-7.81	0.0001	0.22432177
	7 -1.6181725	-8.88	0.0001	0.18220146
	8 -1.1708123	-5.67	0.0001	0.20665286
	9 -1.4247431	-7.41	0.0001	0.19220748
	10 -1.8871825	-7.96	0.0001	0.23721627
	11 -0.7393400	-3.59	0.0005	0.20619144
	12 -0.6706960	-3.87	0.0002	0.17345509
YEAR	-0.1295828	-4.68	0.0001	0.02768715

Screening for Models: Lexington, 1987-1996

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General Linear Models Procedure

Dependent Variable: COMMERCQ

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	11927.710	496.988	24.43	0.0001
Error	94	1912.601	20.347		
Corrected Total	118	13840.312			

R-Square	C.V.	Root MSE	COMMERCQ Mean
0.861809	6.763233	4.5107	66.69510

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	10427.128	947.921	46.59	0.0001
PDSI*MONTH	12	1242.482	103.540	5.09	0.0001
YEAR	1	258.101	258.101	12.69	0.0006

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	10710.339	973.667	47.85	0.0001
PDSI*MONTH	12	987.107	82.259	4.04	0.0001
YEAR	1	258.101	258.101	12.69	0.0006

Parameter	Estimate	T for H0: Parameter=0	Pr > T	Std Error of Estimate
INTERCEPT	1153.307233 B	3.81	0.0002	302.35588258
MONTH 1	-21.562607 B	-10.35	0.0001	2.08235762
2	-15.787726 B	-7.56	0.0001	2.08870532
3	-5.734651 B	-2.75	0.0071	2.08389266
4	-23.888321 B	-11.47	0.0001	2.08243221
5	-15.937686 B	-7.64	0.0001	2.08478151
6	-0.751868 B	-0.36	0.7189	2.08279690
7	-16.786744 B	-8.06	0.0001	2.08262084
8	-3.223048 B	-1.55	0.1249	2.08146667
9	9.523351 B	4.54	0.0001	2.09587276
10	-11.084186 B	-5.25	0.0001	2.11026790
11	-4.513818 B	-2.15	0.0343	2.10175309
12	0.000000 B	.	.	.
PDSI*MONTH 1	0.195207	0.30	0.7657	0.65308610
2	-0.457277	-0.73	0.4646	0.62281612
3	-0.235593	-0.37	0.7095	0.63049509
4	0.717121	0.91	0.3631	0.78461755
5	-2.197515	-2.97	0.0037	0.73900912
6	-1.196456	-1.84	0.0691	0.65076913
7	-0.247343	-0.36	0.7181	0.68300465
8	-1.174925	-1.77	0.0795	0.66267845
9	-3.573904	-4.90	0.0001	0.72873637
10	-0.913784	-1.35	0.1806	0.67744105
11	-1.314889	-2.17	0.0326	0.60637700
12	-0.878050	-1.45	0.1501	0.60519217
YEAR	-0.540866	-3.56	0.0006	0.15185993

Screening for Models: Lexington, 1987-1996

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General Linear Models Procedure

Dependent Variable: COMMERCM

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	133156.49	5789.41	36.07	0.0001
Error	93	14927.74	160.51		
Corrected Total	116	148084.24			

R-Square	C.V.	Root MSE	COMMERCM Mean
0.899194	5.448163	12.669	232.5442

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	120214.56	10928.60	68.09	0.0001
PDSI*MONTH	12	12941.94	1078.49	6.72	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	120907.71	10991.61	68.48	0.0001
PDSI*MONTH	12	12941.94	1078.49	6.72	0.0001

Parameter	Estimate	T for H0: Parameter=0	Pr > T	Std Error of Estimate
INTERCEPT	206.5165447 B	48.57	0.0001	4.25180003
MONTH	1 -8.0239892 B	-1.37	0.1731	5.84511988
	2 -11.6007096 B	-1.98	0.0508	5.86280266
	3 -13.8132292 B	-2.36	0.0203	5.84931357
	4 4.3727066 B	0.75	0.4562	5.84426273
	5 13.6757731 B	2.34	0.0216	5.85330677
	6 39.4511247 B	6.75	0.0001	5.84719267
	7 65.9720805 B	11.29	0.0001	5.84470325
	8 67.2712299 B	11.51	0.0001	5.84210989
	9 78.7404552 B	13.38	0.0001	5.88393948
	10 50.3750592 B	8.35	0.0001	6.03237806
	11 33.8374733 B	5.62	0.0001	6.01662726
	12 0.0000000 B	.	.	.
PDSI*MONTH	1 -1.3754917	-0.75	0.4546	1.83166946
	2 -0.8937580	-0.51	0.6106	1.74918859
	3 -4.2320930	-2.39	0.0188	1.77038880
	4 -2.9222857	-1.33	0.1854	2.19020399
	5 -4.6232118	-2.25	0.0267	2.05312333
	6 -5.4301597	-3.00	0.0034	1.80893725
	7 -10.1861545	-5.34	0.0001	1.90591426
	8 -1.6293725	-0.88	0.3808	1.85038048
	9 -8.3227551	-4.07	0.0001	2.04415654
	10 -5.9510012	-3.04	0.0030	1.95460302
	11 -2.6758315	-1.53	0.1291	1.74748328
	12 -1.4187309	-0.83	0.4061	1.69978199

Screening for Models: Lexington, 1987-1996

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General Linear Models Procedure

Dependent Variable: OPA_M

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	970052.26	42176.19	26.21	0.0001
Error	93	149656.37	1609.21		
Corrected Total	116	1119708.62			
	R-Square	C.V.	Root MSE	OPA_M Mean	
	0.866343	7.203984	40.115	556.8438	

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MONTH	11	898174.86	81652.26	50.74	0.0001
PDSI*MONTH	12	71877.40	5989.78	3.72	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MONTH	11	894196.75	81290.61	50.52	0.0001
PDSI*MONTH	12	71877.40	5989.78	3.72	0.0001

Parameter	Estimate	T for H0: Parameter=0	Pr > T	Std Error of Estimate
INTERCEPT	480.6638834 B	35.70	0.0001	13.46242740
MONTH 1	-33.4551532 B	-1.81	0.0739	18.50733843
2	-12.4691114 B	-0.67	0.5034	18.56332722
3	-9.5267510 B	-0.51	0.6082	18.52061687
4	15.1465974 B	0.82	0.4151	18.50462446
5	45.7494040 B	2.47	0.0154	18.53326050
6	99.5314958 B	5.38	0.0001	18.51390150
7	178.8439817 B	9.66	0.0001	18.50601928
8	189.9434437 B	10.27	0.0001	18.49780792
9	238.1060795 B	12.78	0.0001	18.63025251
10	135.7970251 B	7.11	0.0001	19.10025194
11	83.4415884 B	4.38	0.0001	19.05038035
12	0.0000000 B	.	.	.
PDSI*MONTH 1	-8.7527532	-1.51	0.1346	5.79959476
2	-2.2237348	-0.40	0.6890	5.53843649
3	-13.6644043	-2.44	0.0167	5.60556246
4	-8.7164487	-1.26	0.2119	6.93481867
5	-7.4022540	-1.14	0.2578	6.50078169
6	-15.5547576	-2.72	0.0079	5.72761802
7	-19.9677426	-3.31	0.0013	6.03467524
8	-6.5396980	-1.12	0.2672	5.85883925
9	-13.3076571	-2.06	0.0426	6.47239024
10	-14.5371869	-2.35	0.0209	6.18883792
11	-9.7151260	-1.76	0.0824	5.53303700
12	-5.4126046	-1.01	0.3172	5.38200091

```
options nodate ls=72 ps=60;
```

```
title1 "Assessing Serial Correlation of Errors: Lexington, 1987-1996";
```

```
data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=15 and division=03 and (1986<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x{month};
    output;
end;
keep month year pdsi;
```

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```
data weather; infile 'lexingtn.wth' missover;
input year ?? month ?? day ?? precip ?? lowtemp ?? hightemp ??
    meantemp ??;
if 1986<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;
```

```
proc means noprint; by year month;
    var precip meantemp cdd soilmstr;
    output out=weather mean=precip meantemp cdd soilmstr;
```

```
data use; infile 'lexingtn.use' lrecl=200 missover;
input mo_yr : monyy6. x1-x14;
residenq = x1/x2;
commercq = x3/x4;
commercm = x5/x6;
industrm = x7/x8;
opa_q    = x9/x10;
opa_m    = x11/x12;
owu_m    = x13/x14;
```

```
year = year(mo_yr);
month = month(mo_yr);
```

```
PROC SORT; BY YEAR MONTH;
```

```
data lexingtn; merge palmer weather use; by year month;
lag1cdd = lag1(cdd);
lag1pdsi = lag1(pdsi);
```

```
pdsi1 = min(1,pdsi);
pdsi0 = min(0,pdsi);
pdsi_ = min(-1,pdsi);
```

```
lag1pds1 = min(1,lag1pdsi);
lag1pds0 = min(0,lag1pdsi);
lag1pds_ = min(-1,lag1pdsi);
```

```
if year>=1987;
```



```
jan = month=1;  
feb = month=2;  
mar = month=3;  
apr = month=4;  
may = month=5;  
jun = month=6;  
jul = month=7;  
aug = month=8;  
sep = month=9;  
oct = month=10;  
nov = month=11;  
dec = month=12;
```

```
jan_pdsi = jan*pdsi;  
feb_pdsi = feb*pdsi;  
mar_pdsi = mar*pdsi;  
apr_pdsi = apr*pdsi;  
may_pdsi = may*pdsi;  
jun_pdsi = jun*pdsi;  
jul_pdsi = jul*pdsi;  
aug_pdsi = aug*pdsi;  
sep_pdsi = sep*pdsi;  
oct_pdsi = oct*pdsi;  
nov_pdsi = nov*pdsi;  
dec_pdsi = dec*pdsi;
```

```
janlpds0 = jan*laglpds0;  
feblpds0 = feb*laglpds0;  
marlpds0 = mar*laglpds0;  
aprlpds0 = apr*laglpds0;  
maylpds0 = may*laglpds0;  
junlpds0 = jun*laglpds0;  
jullpds0 = jul*laglpds0;  
auglpds0 = aug*laglpds0;  
seplpds0 = sep*laglpds0;  
octlpds0 = oct*laglpds0;  
novlpds0 = nov*laglpds0;  
declpds0 = dec*laglpds0;
```

```
proc autoreg;  
  model residenq = jan--nov janlpds0--declpds0 year / nlag=3;  
proc autoreg;  
  model commercq = jan--nov jan_pdsi--dec_pdsi year / nlag=3;  
proc autoreg;  
  model commercm = jan--nov jan_pdsi--dec_pdsi / nlag=3;  
proc autoreg;  
  model opa_m = jan--nov jan_pdsi--dec_pdsi / nlag=3;
```

Autoreg Procedure

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Schedule 12

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Dependent Variable = RESIDENQ

Ordinary Least Squares Estimates

SSE	53.94048	DFE	94
MSE	0.573835	Root MSE	0.757519
SBC	363.0276	AIC	293.5495
Reg Rsq	0.9325	Total Rsq	0.9325
Durbin-Watson	1.0124		

Variable	DF	B Value	Std Error	t Ratio	Approx Prob
Intercept	1	273.948521	55.143	4.968	0.0001
JAN	1	0.933680	0.416	2.245	0.0271
FEB	1	0.326051	0.421	0.774	0.4407
MAR	1	-0.397847	0.425	-0.937	0.3511
APR	1	0.285463	0.427	0.668	0.5056
MAY	1	-0.526368	0.419	-1.255	0.2126
JUN	1	0.473640	0.416	1.139	0.2577
JUL	1	3.542400	0.413	8.584	0.0001
AUG	1	2.695244	0.432	6.237	0.0001
SEP	1	3.848545	0.424	9.087	0.0001
OCT	1	3.701973	0.414	8.951	0.0001
NOV	1	1.406986	0.405	3.478	0.0008
JAN1PDS0	1	-0.064783969	0.195	-0.333	0.7399
FEB1PDS0	1	0.0846184234	0.206	0.411	0.6820
MAR1PDS0	1	-0.149240	0.218	-0.686	0.4946
APR1PDS0	1	-0.211658	0.210	-1.006	0.3169
MAY1PDS0	1	-0.424232	0.218	-1.944	0.0549
JUN1PDS0	1	-1.752255	0.224	-7.811	0.0001
JUL1PDS0	1	-1.618173	0.182	-8.881	0.0001
AUG1PDS0	1	-1.170812	0.207	-5.666	0.0001
SEP1PDS0	1	-1.424743	0.192	-7.413	0.0001
OCT1PDS0	1	-1.887182	0.237	-7.956	0.0001
NOV1PDS0	1	-0.739340	0.206	-3.586	0.0005
DEC1PDS0	1	-0.670696	0.173	-3.867	0.0002
YEAR	1	-0.129583	0.028	-4.680	0.0001

Estimates of Autocorrelations

Lag Covariance Correlation

0	0.453281	1.000000
1	0.223627	0.493351
2	0.175261	0.386648
3	0.203701	0.449392

Autoreg Procedure

Exhibit ELS-1

Schedule 12

Preliminary MSE = 0.30547

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Estimates of the Autoregressive Parameters

Lag	Coefficient	Std Error	t Ratio
1	-0.34768234	0.10075634	-3.450724
2	-0.07894832	0.10682571	-0.739039
3	-0.27601175	0.10075634	-2.739398

Yule-Walker Estimates

SSE	35.18882	DFE	91
MSE	0.38669	Root MSE	0.621844
SBC	327.1235	AIC	249.308
Reg Rsq	0.9332	Total Rsq	0.9560

Variable	DF	B Value	Std Error	t Ratio	Approx Prob
Intercept	1	337.160682	124.35	2.711	0.0080
JAN	1	0.902567	0.30	3.010	0.0034
FEB	1	0.322603	0.33	0.980	0.3296
MAR	1	-0.384562	0.31	-1.246	0.2159
APR	1	0.304112	0.34	0.897	0.3718
MAY	1	-0.579453	0.34	-1.701	0.0924
JUN	1	0.522156	0.33	1.571	0.1197
JUL	1	3.572739	0.34	10.644	0.0001
AUG	1	2.773124	0.34	8.057	0.0001
SEP	1	3.916601	0.31	12.478	0.0001
OCT	1	3.690830	0.32	11.504	0.0001
NOV	1	1.398130	0.29	4.834	0.0001
JAN1PDS0	1	0.0117513213	0.18	0.067	0.9471
FEB1PDS0	1	0.192338	0.19	1.028	0.3067
MAR1PDS0	1	-0.019034603	0.19	-0.098	0.9221
APR1PDS0	1	-0.085440651	0.18	-0.463	0.6445
MAY1PDS0	1	-0.371403	0.18	-2.013	0.0471
JUN1PDS0	1	-1.558136	0.19	-8.314	0.0001
JUL1PDS0	1	-1.474207	0.15	-9.809	0.0001
AUG1PDS0	1	-0.999367	0.17	-5.818	0.0001
SEP1PDS0	1	-1.260315	0.16	-7.944	0.0001
OCT1PDS0	1	-1.769211	0.20	-8.926	0.0001
NOV1PDS0	1	-0.630350	0.18	-3.507	0.0007
DEC1PDS0	1	-0.571432	0.15	-3.731	0.0003
YEAR	1	-0.161272	0.062447	-2.583	0.0114

Autoreg Procedure

Exhibit ELS-1

Schedule 12

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Dependent Variable = COMMERCQ

Ordinary Least Squares Estimates

SSE	1912.601	DFE	94
MSE	20.34682	Root MSE	4.510745
SBC	787.6599	AIC	718.1818
Reg Rsq	0.8618	Total Rsq	0.8618
Durbin-Watson	1.7753		

Variable	DF	B Value	Std Error	t Ratio	Approx Prob
Intercept	1	1153.30723	302.36	3.814	0.0002
JAN	1	-21.56261	2.08	-10.355	0.0001
FEB	1	-15.78773	2.09	-7.559	0.0001
MAR	1	-5.73465	2.08	-2.752	0.0071
APR	1	-23.88832	2.08	-11.471	0.0001
MAY	1	-15.93769	2.08	-7.645	0.0001
JUN	1	-0.751867953	2.08	-0.361	0.7189
JUL	1	-16.78674	2.08	-8.060	0.0001
AUG	1	-3.22305	2.08	-1.548	0.1249
SEP	1	9.52335	2.10	4.544	0.0001
OCT	1	-11.08419	2.11	-5.253	0.0001
NOV	1	-4.51382	2.10	-2.148	0.0343
JAN_PDSI	1	0.1952073773	0.65	0.299	0.7657
FEB_PDSI	1	-0.457277246	0.62	-0.734	0.4646
MAR_PDSI	1	-0.235593171	0.63	-0.374	0.7095
APR_PDSI	1	0.717120758	0.78	0.914	0.3631
MAY_PDSI	1	-2.19751	0.74	-2.974	0.0037
JUN_PDSI	1	-1.19646	0.65	-1.839	0.0691
JUL_PDSI	1	-0.247343239	0.68	-0.362	0.7181
AUG_PDSI	1	-1.17492	0.66	-1.773	0.0795
SEP_PDSI	1	-3.57390	0.73	-4.904	0.0001
OCT_PDSI	1	-0.913784475	0.68	-1.349	0.1806
NOV_PDSI	1	-1.31489	0.61	-2.168	0.0326
DEC_PDSI	1	-0.878050121	0.61	-1.451	0.1501
YEAR	1	-0.54086574	0.15	-3.562	0.0006

Estimates of Autocorrelations

Lag	Covariance	Correlation
0	16.07228	1.000000
1	1.712588	0.106555
2	0.291578	0.018142
3	3.974411	0.247284

Autoreg Procedure

Exhibit ELS-1

Schedule 12

Preliminary MSE = 14.91611

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Estimates of the Autoregressive Parameters

Lag	Coefficient	Std Error	t Ratio
1	-0.10412494	0.10156830	-1.025172
2	0.01932092	0.10213305	0.189174
3	-0.24745333	0.10156830	-2.436324

Yule-Walker Estimates

SSE	1712.263	DFE	91
MSE	18.81608	Root MSE	4.337751
SBC	789.0312	AIC	711.2157
Reg Rsq	0.8363	Total Rsq	0.8763

Variable	DF	B Value	Std Error	t Ratio	Approx Prob
Intercept	1	1307.24123	417.32	3.132	0.0023
JAN	1	-20.96061	1.97	-10.642	0.0001
FEB	1	-15.20762	2.06	-7.374	0.0001
MAR	1	-5.24196	1.81	-2.899	0.0047
APR	1	-23.26423	2.03	-11.478	0.0001
MAY	1	-15.31819	2.06	-7.442	0.0001
JUN	1	-0.138882037	1.96	-0.071	0.9436
JUL	1	-16.13692	2.06	-7.847	0.0001
AUG	1	-2.52500	2.03	-1.247	0.2157
SEP	1	10.05680	1.81	5.552	0.0001
OCT	1	-10.30189	2.08	-4.953	0.0001
NOV	1	-3.65802	1.98	-1.846	0.0682
JAN_PDSI	1	0.1591949082	0.64	0.250	0.8031
FEB_PDSI	1	-0.521614143	0.60	-0.865	0.3893
MAR_PDSI	1	-0.212159642	0.61	-0.348	0.7286
APR_PDSI	1	0.6205740495	0.75	0.827	0.4105
MAY_PDSI	1	-2.07297	0.71	-2.916	0.0045
JUN_PDSI	1	-1.19341	0.62	-1.925	0.0573
JUL_PDSI	1	-0.397212635	0.66	-0.603	0.5482
AUG_PDSI	1	-0.962365354	0.65	-1.491	0.1395
SEP_PDSI	1	-3.26169	0.71	-4.606	0.0001
OCT_PDSI	1	-1.04237	0.66	-1.570	0.1198
NOV_PDSI	1	-1.33320	0.59	-2.250	0.0268
DEC_PDSI	1	-1.15069	0.59	-1.945	0.0549
YEAR	1	-0.618489454	0.21	-2.951	0.0040

Autoreg Procedure

Exhibit ELS-1

Schedule 12

Dependent Variable = COMMERCM

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Ordinary Least Squares Estimates

SSE	14927.74	DFE	93
MSE	160.5134	Root MSE	12.66939
SBC	1013.634	AIC	947.3415
Reg Rsq	0.8992	Total Rsq	0.8992
Durbin-Watson	2.0562		

Variable	DF	B Value	Std Error	t Ratio	Approx Prob
Intercept	1	206.516545	4.2518	48.572	0.0001
JAN	1	-8.023989	5.8451	-1.373	0.1731
FEB	1	-11.600710	5.8628	-1.979	0.0508
MAR	1	-13.813229	5.8493	-2.362	0.0203
APR	1	4.372707	5.8443	0.748	0.4562
MAY	1	13.675773	5.8533	2.336	0.0216
JUN	1	39.451125	5.8472	6.747	0.0001
JUL	1	65.972080	5.8447	11.287	0.0001
AUG	1	67.271230	5.8421	11.515	0.0001
SEP	1	78.740455	5.8839	13.382	0.0001
OCT	1	50.375059	6.0324	8.351	0.0001
NOV	1	33.837473	6.0166	5.624	0.0001
JAN_PDSI	1	-1.375492	1.8317	-0.751	0.4546
FEB_PDSI	1	-0.893758	1.7492	-0.511	0.6106
MAR_PDSI	1	-4.232093	1.7704	-2.390	0.0188
APR_PDSI	1	-2.922286	2.1902	-1.334	0.1854
MAY_PDSI	1	-4.623212	2.0531	-2.252	0.0267
JUN_PDSI	1	-5.430160	1.8089	-3.002	0.0034
JUL_PDSI	1	-10.186154	1.9059	-5.344	0.0001
AUG_PDSI	1	-1.629372	1.8504	-0.881	0.3808
SEP_PDSI	1	-8.322755	2.0442	-4.071	0.0001
OCT_PDSI	1	-5.951001	1.9546	-3.045	0.0030
NOV_PDSI	1	-2.675832	1.7475	-1.531	0.1291
DEC_PDSI	1	-1.418731	1.6998	-0.835	0.4061

Estimates of Autocorrelations

Lag	Covariance	Correlation
0	127.5875	1.000000
1	-5.03466	-0.039460
2	13.55541	0.106244
3	34.11638	0.267396

Autoreg Procedure

Exhibit ELS-1

Schedule 12

Preliminary MSE = 116.1968

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Estimates of the Autoregressive Parameters

Lag	Coefficient	Std Error	t Ratio
1	0.06455314	0.10123030	0.637686
2	-0.11469752	0.10073580	-1.138597
3	-0.27878030	0.10123030	-2.753922

Yule-Walker Estimates

SSE	13382.18	DFE	90
MSE	148.6909	Root MSE	12.19389
SBC	1015.399	AIC	940.8201
Reg Rsq	0.9151	Total Rsq	0.9096

Variable	DF	B Value	Std Error	t Ratio	Approx Prob
Intercept	1	206.929734	4.2719	48.439	0.0001
JAN	1	-8.514696	5.9744	-1.425	0.1576
FEB	1	-12.170308	5.5991	-2.174	0.0324
MAR	1	-14.213504	5.0475	-2.816	0.0060
APR	1	3.975038	5.8665	0.678	0.4998
MAY	1	13.210569	5.7331	2.304	0.0235
JUN	1	39.076613	5.5020	7.102	0.0001
JUL	1	65.713817	5.7252	11.478	0.0001
AUG	1	67.069764	5.8645	11.437	0.0001
SEP	1	78.468705	5.0620	15.502	0.0001
OCT	1	50.484404	5.7168	8.831	0.0001
NOV	1	33.788894	6.1475	5.496	0.0001
JAN_PDSI	1	-0.564304	1.7900	-0.315	0.7533
FEB_PDSI	1	-0.282895	1.6944	-0.167	0.8678
MAR_PDSI	1	-4.339988	1.7092	-2.539	0.0128
APR_PDSI	1	-3.254228	2.0941	-1.554	0.1237
MAY_PDSI	1	-3.938029	1.9765	-1.992	0.0494
JUN_PDSI	1	-5.437686	1.7253	-3.152	0.0022
JUL_PDSI	1	-10.087118	1.8448	-5.468	0.0001
AUG_PDSI	1	-1.757375	1.8064	-0.973	0.3332
SEP_PDSI	1	-8.441912	1.9869	-4.249	0.0001
OCT_PDSI	1	-5.877218	1.9067	-3.082	0.0027
NOV_PDSI	1	-1.754274	1.7037	-1.030	0.3059
DEC_PDSI	1	-2.195803	1.6670	-1.317	0.1911

Autoreg Procedure

Exhibit ELS-1

Schedule 12

Dependent Variable = OPA_M

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Ordinary Least Squares Estimates

SSE	149656.4	DFE	93
MSE	1609.208	Root MSE	40.11494
SBC	1283.333	AIC	1217.041
Reg Rsq	0.8663	Total Rsq	0.8663
Durbin-Watson	1.7132		

Variable	DF	B Value	Std Error	t Ratio	Approx Prob
Intercept	1	480.663883	13.462	35.704	0.0001
JAN	1	-33.455153	18.507	-1.808	0.0739
FEB	1	-12.469111	18.563	-0.672	0.5034
MAR	1	-9.526751	18.521	-0.514	0.6082
APR	1	15.146597	18.505	0.819	0.4151
MAY	1	45.749404	18.533	2.469	0.0154
JUN	1	99.531496	18.514	5.376	0.0001
JUL	1	178.843982	18.506	9.664	0.0001
AUG	1	189.943444	18.498	10.268	0.0001
SEP	1	238.106080	18.630	12.781	0.0001
OCT	1	135.797025	19.100	7.110	0.0001
NOV	1	83.441588	19.050	4.380	0.0001
JAN_PDSI	1	-8.752753	5.800	-1.509	0.1346
FEB_PDSI	1	-2.223735	5.538	-0.402	0.6890
MAR_PDSI	1	-13.664404	5.606	-2.438	0.0167
APR_PDSI	1	-8.716449	6.935	-1.257	0.2119
MAY_PDSI	1	-7.402254	6.501	-1.139	0.2578
JUN_PDSI	1	-15.554758	5.728	-2.716	0.0079
JUL_PDSI	1	-19.967743	6.035	-3.309	0.0013
AUG_PDSI	1	-6.539698	5.859	-1.116	0.2672
SEP_PDSI	1	-13.307657	6.472	-2.056	0.0426
OCT_PDSI	1	-14.537187	6.189	-2.349	0.0209
NOV_PDSI	1	-9.715126	5.533	-1.756	0.0824
DEC_PDSI	1	-5.412605	5.382	-1.006	0.3172

Estimates of Autocorrelations

Lag	Covariance	Correlation
0	1279.114	1.000000
1	171.5696	0.134132
2	-14.466	-0.011309
3	164.2898	0.128440

Autoreg Procedure

Exhibit ELS-1

Schedule 12

Preliminary MSE = 1231.572

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Estimates of the Autoregressive Parameters

Lag	Coefficient	Std Error	t Ratio
1	-0.14220893	0.10442145	-1.361875
2	0.04870393	0.10536692	0.462232
3	-0.13658129	0.10442145	-1.307981

Yule-Walker Estimates

SSE	143202.9	DFE	90
MSE	1591.144	Root MSE	39.88914
SBC	1292.538	AIC	1217.96
Reg Rsq	0.8520	Total Rsq	0.8721

Variable	DF	B Value	Std Error	t Ratio	Approx Prob
Intercept	1	483.240634	13.608	35.511	0.0001
JAN	1	-35.973151	17.505	-2.055	0.0428
FEB	1	-15.155264	18.875	-0.803	0.4241
MAR	1	-12.033116	17.557	-0.685	0.4949
APR	1	12.623064	18.399	0.686	0.4944
MAY	1	43.134202	18.713	2.305	0.0235
JUN	1	97.032570	18.465	5.255	0.0001
JUL	1	176.382795	18.688	9.438	0.0001
AUG	1	187.404825	18.392	10.190	0.0001
SEP	1	235.214684	17.639	13.335	0.0001
OCT	1	134.310076	19.438	6.910	0.0001
NOV	1	81.062089	17.919	4.524	0.0001
JAN_PDSI	1	-7.981536	5.833	-1.368	0.1746
FEB_PDSI	1	-1.831245	5.560	-0.329	0.7426
MAR_PDSI	1	-13.654411	5.605	-2.436	0.0168
APR_PDSI	1	-8.467467	6.892	-1.229	0.2224
MAY_PDSI	1	-7.112753	6.496	-1.095	0.2765
JUN_PDSI	1	-15.788455	5.725	-2.758	0.0070
JUL_PDSI	1	-19.296515	6.051	-3.189	0.0020
AUG_PDSI	1	-8.113526	5.878	-1.380	0.1709
SEP_PDSI	1	-11.648985	6.484	-1.797	0.0757
OCT_PDSI	1	-14.977028	6.215	-2.410	0.0180
NOV_PDSI	1	-8.928167	5.558	-1.606	0.1117
DEC_PDSI	1	-6.143677	5.412	-1.135	0.2593

```
options nodate nonumber;

title1 "Exhibit ELS-1";

data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=15 and division=03 and (1986<=year<=1996);
array x(*) x1-x12;
do month=1 to 12;
    pdsi = x(month);
    pds0 = min(0,pdsi);
    output;
end;
keep month year pdsi pds0;

data weather; infile 'lexingtn.wth' missover;
input year ?? month ?? da ?? precip ?? lowtemp ?? hightemp ?? meantemp ??;
if 1986<=year<=1996;
cdd = max(meantemp-65,0);
retain temp 0;
soilmstr = temp - 0.06 + precip;
if soilmstr>0.36 then soilmstr = 0.36;
if soilmstr<0 then soilmstr = 0;
output;
temp = soilmstr;

proc means noprint; by year month; var meantemp cdd;
output out=weather mean=meantemp cdd;

data use; infile 'lexingtn.use' (recl=200 missover;
input mo_yr : monyy6. x1-x14;
residenq = x1/x2;
commercq = x3/x4;
commercm = x5/x6;
industrm = x7/x8;
opa_q = x9/x10;
opa_m = x11/x12;
owu_m = x13/x14;

year = year(mo_yr);
month = month(mo_yr);

PROC SORT; BY YEAR MONTH;

data lexingtn; merge palmer weather use; by year month;
lag1pds0 = lag1(pds0);
since_87 = year - 1987;
if year>=1987;
```

```
proc reg; model residenq = since_87; where month=01; title2 "Residential Quarterly Model, JANUARY";
proc reg; model residenq = since_87; where month=02; title2 "Residential Quarterly Model, FEBRUARY";
proc reg; model residenq = since_87; where month=03; title2 "Residential Quarterly Model, MARCH";
proc reg; model residenq = since_87; where month=04; title2 "Residential Quarterly Model, APRIL";

proc reg; model residenq = lag1pds0 since_87; where month=05; title2 "Residential Quarterly Model, MAY";
proc reg; model residenq = lag1pds0 since_87; where month=06; title2 "Residential Quarterly Model, JUNE";
proc reg; model residenq = lag1pds0 since_87; where month=07; title2 "Residential Quarterly Model, JULY";
proc reg; model residenq = lag1pds0 since_87; where month=08; title2 "Residential Quarterly Model, AUGUST";
proc reg; model residenq = lag1pds0 since_87; where month=09; title2 "Residential Quarterly Model, SEPTEMBER";
proc reg; model residenq = lag1pds0 since_87; where month=10; title2 "Residential Quarterly Model, OCTOBER";
proc reg; model residenq = lag1pds0 since_87; where month=11; title2 "Residential Quarterly Model, NOVEMBER";
proc reg; model residenq = lag1pds0 since_87; where month=12; title2 "Residential Quarterly Model, DECEMBER";

*****;

proc reg; model commercq = since_87; where month=01; title2 "Commercial Quarterly Model, JANUARY";
proc reg; model commercq = since_87; where month=02; title2 "Commercial Quarterly Model, FEBRUARY";
proc reg; model commercq = since_87; where month=03; title2 "Commercial Quarterly Model, MARCH";
proc reg; model commercq = since_87; where month=04; title2 "Commercial Quarterly Model, APRIL";

proc reg; model commercq = pdsi since_87; where month=05; title2 "Commercial Quarterly Model, MAY";
proc reg; model commercq = pdsi since_87; where month=06; title2 "Commercial Quarterly Model, JUNE";
proc reg; model commercq = pdsi since_87; where month=07; title2 "Commercial Quarterly Model, JULY";
proc reg; model commercq = pdsi since_87; where month=08; title2 "Commercial Quarterly Model, AUGUST";
proc reg; model commercq = pdsi since_87; where month=09; title2 "Commercial Quarterly Model, SEPTEMBER";
proc reg; model commercq = pdsi since_87; where month=10; title2 "Commercial Quarterly Model, OCTOBER";
proc reg; model commercq = pdsi since_87; where month=11; title2 "Commercial Quarterly Model, NOVEMBER";
proc reg; model commercq = pdsi since_87; where month=12; title2 "Commercial Quarterly Model, DECEMBER";

*****;

proc reg; model commercm = ; where month=01; title2 "Commercial Monthly Model, JANUARY";
proc reg; model commercm = ; where month=02; title2 "Commercial Monthly Model, FEBRUARY";
proc reg; model commercm = ; where month=03; title2 "Commercial Monthly Model, MARCH";
proc reg; model commercm = ; where month=04; title2 "Commercial Monthly Model, APRIL";

proc reg; model commercm = pdsi ; where month=05; title2 "Commercial Monthly Model, MAY";
proc reg; model commercm = pdsi ; where month=06; title2 "Commercial Monthly Model, JUNE";
proc reg; model commercm = pdsi ; where month=07; title2 "Commercial Monthly Model, JULY";
proc reg; model commercm = pdsi ; where month=08; title2 "Commercial Monthly Model, AUGUST";
proc reg; model commercm = pdsi ; where month=09; title2 "Commercial Monthly Model, SEPTEMBER";
proc reg; model commercm = pdsi ; where month=10; title2 "Commercial Monthly Model, OCTOBER";
proc reg; model commercm = pdsi ; where month=11; title2 "Commercial Monthly Model, NOVEMBER";
proc reg; model commercm = pdsi ; where month=12; title2 "Commercial Monthly Model, DECEMBER";

*****;

proc reg; model opa_m = ; where month=01; title2 "O.P.A. Monthly Model, JANUARY";
proc reg; model opa_m = ; where month=02; title2 "O.P.A. Monthly Model, FEBRUARY";
proc reg; model opa_m = ; where month=03; title2 "O.P.A. Monthly Model, MARCH";
proc reg; model opa_m = ; where month=04; title2 "O.P.A. Monthly Model, APRIL";

proc reg; model opa_m = pdsi ; where month=05; title2 "O.P.A. Monthly Model, MAY";
proc reg; model opa_m = pdsi ; where month=06; title2 "O.P.A. Monthly Model, JUNE";
proc reg; model opa_m = pdsi ; where month=07; title2 "O.P.A. Monthly Model, JULY";
proc reg; model opa_m = pdsi ; where month=08; title2 "O.P.A. Monthly Model, AUGUST";
proc reg; model opa_m = pdsi ; where month=09; title2 "O.P.A. Monthly Model, SEPTEMBER";
proc reg; model opa_m = pdsi ; where month=10; title2 "O.P.A. Monthly Model, OCTOBER";
proc reg; model opa_m = pdsi ; where month=11; title2 "O.P.A. Monthly Model, NOVEMBER";
proc reg; model opa_m = pdsi ; where month=12; title2 "O.P.A. Monthly Model, DECEMBER";
```

Residential Quarterly Model, JANUARY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	1.93994	1.93994	15.085	0.0046
Error	8	1.02878	0.12860		
C Total	9	2.96872			
Root MSE		0.35860	R-square	0.6535	
Dep Mean		16.87298	Adj R-sq	0.6101	
C.V.		2.12532			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	17.563028	0.21077102	83.328	0.0001
SINCE_87	1	-0.153344	0.03948103	-3.884	0.0046

Residential Quarterly Model, FEBRUARY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	1.47240	1.47240	7.470	0.0257
Error	8	1.57678	0.19710		
C Total	9	3.04919			
Root MSE		0.44396	R-square	0.4829	
Dep Mean		16.13730	Adj R-sq	0.4182	
C.V.		2.75112			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	16.738475	0.26093742	64.147	0.0001
SINCE_87	1	-0.133594	0.04887806	-2.733	0.0257

Residential Quarterly Model, MARCH

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	3.12771	3.12771	18.566	0.0026
Error	8	1.34773	0.16847		
C Total	9	4.47544			
Root MSE		0.41045	R-square	0.6989	
Dep Mean		15.61397	Adj R-sq	0.6612	
C.V.		2.62871			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	16.490157	0.24124110	68.356	0.0001
SINCE_87	1	-0.194709	0.04518860	-4.309	0.0026

Residential Quarterly Model, APRIL

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	0.67735	0.67735	0.600	0.4610
Error	8	9.03868	1.12984		
C Total	9	9.71603			
Root MSE		1.06294	R-square	0.0697	
Dep Mean		16.36265	Adj R-sq	-0.0466	
C.V.		6.49612			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	16.770393	0.62474541	26.844	0.0001
SINCE_87	1	-0.090611	0.11702554	-0.774	0.4610

Residential Quarterly Model, MAY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	5.81319	2.90660	10.868	0.0071
Error	7	1.87206	0.26744		
C Total	9	7.68525			
Root MSE		0.51714	R-square	0.7564	
Dep Mean		15.69611	Adj R-sq	0.6868	
C.V.		3.29472			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	16.072397	0.41845307	38.409	0.0001
LAG1PDSO	1	-0.393139	0.17071227	-2.303	0.0548
SINCE_87	1	-0.153249	0.06614972	-2.317	0.0537

Residential Quarterly Model, JUNE

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	48.99779	24.49889	41.446	0.0001
Error	7	4.13770	0.59110		
C Total	9	53.13548			
Root MSE		0.76883	R-square	0.9221	
Dep Mean		17.65117	Adj R-sq	0.8999	
C.V.		4.35569			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	17.493869	0.71013053	24.635	0.0001
LAG1PDSO	1	-1.587295	0.29451738	-5.389	0.0010
SINCE_87	1	-0.225362	0.11205912	-2.011	0.0842

Residential Quarterly Model, JULY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	58.26252	29.13126	19.853	0.0013
Error	7	10.27119	1.46731		
C Total	9	68.53371			
Root MSE		1.21133	R-square	0.8501	
Dep Mean		20.82163	Adj R-sq	0.8073	
C.V.		5.81764			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	19.078831	1.08416003	17.598	0.0001
LAG1PDSO	1	-1.842082	0.37045436	-4.972	0.0016
SINCE_87	1	0.034427	0.17334136	0.199	0.8482

Residential Quarterly Model, AUGUST

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	26.15267	13.07633	37.230	0.0002
Error	7	2.45864	0.35123		
C Total	9	28.61131			
Root MSE		0.59265	R-square	0.9141	
Dep Mean		19.72934	Adj R-sq	0.8895	
C.V.		3.00390			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	19.106647	0.52405374	36.459	0.0001
LAG1PDSO	1	-1.184035	0.19288984	-6.138	0.0005
SINCE_87	1	-0.120006	0.07921278	-1.515	0.1736

Residential Quarterly Model, SEPTEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	42.85389	21.42695	18.857	0.0015
Error	7	7.95383	1.13626		
C Total	9	50.80773			
Root MSE		1.06596	R-square	0.8435	
Dep Mean		21.09496	Adj R-sq	0.7987	
C.V.		5.05313			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	20.471664	0.96059612	21.311	0.0001
LAG1PDSO	1	-1.387820	0.33494052	-4.143	0.0043
SINCE_87	1	-0.156324	0.14829568	-1.054	0.3268

Residential Quarterly Model, OCTOBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	41.81782	20.90891	21.410	0.0010
Error	7	6.83619	0.97660		
C Total	9	48.65402			
Root MSE		0.98823	R-square	0.8595	
Dep Mean		20.85263	Adj R-sq	0.8193	
C.V.		4.73911			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	19.806833	0.69848721	28.357	0.0001
LAG1PDSO	1	-1.952693	0.32556999	-5.998	0.0005
SINCE_87	1	-0.058768	0.11513645	-0.510	0.6255

Residential Quarterly Model, NOVEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	12.06161	6.03081	15.508	0.0027
Error	7	2.72210	0.38887		
C Total	9	14.78371			
Root MSE		0.62360	R-square	0.8159	
Dep Mean		17.77192	Adj R-sq	0.7633	
C.V.		3.50888			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	17.941256	0.45974571	39.024	0.0001
LAG1PDSO	1	-0.725267	0.18791998	-3.859	0.0062
SINCE_87	1	-0.142391	0.07685069	-1.853	0.1063

Residential Quarterly Model, DECEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	13.52839	6.76420	15.618	0.0042
Error	6	2.59863	0.43310		
C Total	8	16.12702			
Root MSE		0.65811	R-square	0.8389	
Dep Mean		16.56023	Adj R-sq	0.7852	
C.V.		3.97402			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	16.874114	0.49750300	33.918	0.0001
LAG1PDSO	1	-0.610933	0.16231441	-3.764	0.0094
SINCE_87	1	-0.217627	0.09205600	-2.364	0.0560

Commercial Quarterly Model, JANUARY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	34.08714	34.08714	6.133	0.0383
Error	8	44.46308	5.55788		
C Total	9	78.55022			
Root MSE		2.35752	R-square	0.4340	
Dep Mean		54.63081	Adj R-sq	0.3632	
C.V.		4.31536			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	57.523355	1.38563940	41.514	0.0001
SINCE_87	1	-0.642789	0.25955404	-2.477	0.0383

Commercial Quarterly Model, FEBRUARY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	265.22984	265.22984	40.242	0.0002
Error	8	52.72750	6.59094		
C Total	9	317.95735			
Root MSE		2.56728	R-square	0.8342	
Dep Mean		60.25643	Adj R-sq	0.8134	
C.V.		4.26059			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	68.325006	1.50892990	45.280	0.0001
SINCE_87	1	-1.793016	0.28264847	-6.344	0.0002

Commercial Quarterly Model, MARCH

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	7.01830	7.01830	1.898	0.2056
Error	8	29.58613	3.69827		
C Total	9	36.60442			
Root MSE		1.92309	R-square	0.1917	
Dep Mean		70.39959	Adj R-sq	0.0907	
C.V.		2.73167			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	71.712093	1.13030203	63.445	0.0001
SINCE_87	1	-0.291668	0.21172497	-1.378	0.2056

Commercial Quarterly Model, APRIL

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	15.43787	15.43787	1.442	0.2642
Error	8	85.64729	10.70591		
C Total	9	101.08516			
Root MSE		3.27199	R-square	0.1527	
Dep Mean		52.23172	Adj R-sq	0.0468	
C.V.		6.26437			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	50.285112	1.92312392	26.148	0.0001
SINCE_87	1	0.432580	0.36023411	1.201	0.2642

Commercial Quarterly Model, MAY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	267.53731	133.76865	7.015	0.0213
Error	7	133.47694	19.06813		
C Total	9	401.01425			
Root MSE		4.36671	R-square	0.6672	
Dep Mean		59.84647	Adj R-sq	0.5721	
C.V.		7.29652			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	62.306478	2.77662492	22.440	0.0001
PDSI	1	-2.256855	0.80965308	-2.787	0.0270
SINCE_87	1	-0.457900	0.55006314	-0.832	0.4326

Commercial Quarterly Model, JUNE

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	115.21053	57.60526	4.775	0.0492
Error	7	84.44608	12.06373		
C Total	9	199.65661			
Root MSE		3.47329	R-square	0.5770	
Dep Mean		75.25853	Adj R-sq	0.4562	
C.V.		4.61514			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	75.051440	2.21102162	33.944	0.0001
PDSI	1	-1.586523	0.56313277	-2.817	0.0259
SINCE_87	1	0.093967	0.43422608	0.216	0.8348

Commercial Quarterly Model, JULY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	15.76429	7.88214	1.518	0.2833
Error	7	36.34166	5.19167		
C Total	9	52.10595			
Root MSE		2.27852	R-square	0.3025	
Dep Mean		59.40937	Adj R-sq	0.1033	
C.V.		3.83529			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	60.389347	1.42609312	42.346	0.0001
PDSI	1	-0.408309	0.36965322	-1.105	0.3059
SINCE_87	1	-0.226211	0.27053268	-0.836	0.4307

Commercial Quarterly Model, AUGUST

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	191.25521	95.62760	22.966	0.0008
Error	7	29.14753	4.16393		
C Total	9	220.40274			
Root MSE		2.04057	R-square	0.8678	
Dep Mean		72.97121	Adj R-sq	0.8300	
C.V.		2.79641			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	78.132290	1.26119633	61.951	0.0001
PDSI	1	-0.887555	0.31883919	-2.784	0.0272
SINCE_87	1	-1.150456	0.24034731	-4.787	0.0020

Commercial Quarterly Model, SEPTEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	568.49380	284.24690	2.272	0.1737
Error	7	875.93696	125.13385		
C Total	9	1444.43075			

Root MSE	11.18632	R-square	0.3936
Dep Mean	84.47061	Adj R-sq	0.2203
C.V.	13.24286		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	88.895144	6.58207061	13.506	0.0001
PDSI	1	-3.531594	1.83048658	-1.929	0.0950
SINCE_87	1	-0.714043	1.24905340	-0.572	0.5854

Commercial Quarterly Model, OCTOBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	59.26396	29.63198	6.684	0.0238
Error	7	31.03461	4.43352		
C Total	9	90.29858			

Root MSE	2.10559	R-square	0.6563
Dep Mean	64.61193	Adj R-sq	0.5581
C.V.	3.25883		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	66.410852	1.24071175	53.526	0.0001
PDSI	1	-0.997619	0.32486786	-3.071	0.0180
SINCE_87	1	-0.284037	0.23879341	-1.189	0.2730

Commercial Quarterly Model, NOVEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	269.65929	134.82965	9.809	0.0093
Error	7	96.21476	13.74497		
C Total	9	365.87406			

Root MSE	3.70742	R-square	0.7370
Dep Mean	71.01500	Adj R-sq	0.6619
C.V.	5.22062		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	77.791973	2.18535879	35.597	0.0001
PDSI	1	-1.087164	0.50983337	-2.132	0.0704
SINCE_87	1	-1.387615	0.41849874	-3.316	0.0128

Commercial Quarterly Model, DECEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	57.23771	28.61885	3.580	0.0948
Error	6	47.96606	7.99434		
C Total	8	105.20377			

Root MSE	2.82743	R-square	0.5441
Dep Mean	76.18891	Adj R-sq	0.3921
C.V.	3.71107		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	74.575686	1.73956215	42.870	0.0001
PDSI	1	-0.901492	0.37943506	-2.376	0.0551
SINCE_87	1	0.468664	0.36511039	1.284	0.2466

Commercial Monthly Model, JANUARY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	0	0.00000			
Error	9	1099.91766	122.21307		
C Total	9	1099.91766			
Root MSE	11.05500	R-square	0.0000		
Dep Mean	198.34950	Adj R-sq	0.0000		
C.V.	5.57350				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	198.349504	3.49589864	56.738	0.0001

Commercial Monthly Model, FEBRUARY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	0	0.00000			
Error	9	966.13936	107.34882		
C Total	9	966.13936			
Root MSE	10.36093	R-square	0.0000		
Dep Mean	194.66380	Adj R-sq	0.0000		
C.V.	5.32247				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	194.663795	3.27641294	59.414	0.0001

Commercial Monthly Model, MARCH

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	0	0.00000			
Error	9	1505.15797	167.23977		
C Total	9	1505.15797			
Root MSE	12.93212	R-square	0.0000		
Dep Mean	192.00502	Adj R-sq	0.0000		
C.V.	6.73530				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	192.005020	4.08949599	46.951	0.0001

Commercial Monthly Model, APRIL

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	0	0.00000			
Error	9	1659.74565	184.41618		
C Total	9	1659.74565			
Root MSE	13.57999	R-square	0.0000		
Dep Mean	211.10550	Adj R-sq	0.0000		
C.V.	6.43280				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	211.105501	4.29437054	49.159	0.0001

Commercial Monthly Model, MAY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	813.89552	813.89552	23.497	0.0013
Error	8	277.10774	34.63847		
C Total	9	1091.00326			

Root MSE	5.88545	R-square	0.7460
Dep Mean	219.37401	Adj R-sq	0.7143
C.V.	2.68284		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	220.192318	1.86878179	117.827	0.0001
PDSI	1	-4.623212	0.95375931	-4.847	0.0013

Commercial Monthly Model, JUNE

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	1446.40318	1446.40318	9.604	0.0147
Error	8	1204.80184	150.60023		
C Total	9	2651.20502			

Root MSE	12.27193	R-square	0.5456
Dep Mean	245.22917	Adj R-sq	0.4888
C.V.	5.00427		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	245.967669	3.88803405	63.263	0.0001
PDSI	1	-5.430160	1.75218815	-3.099	0.0147

Commercial Monthly Model, JULY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	4584.84821	4584.84821	12.416	0.0078
Error	8	2954.14557	369.26820		
C Total	9	7538.99378			

Root MSE	19.21635	R-square	0.6082
Dep Mean	273.43594	Adj R-sq	0.5592
C.V.	7.02773		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	272.488625	6.08268832	44.797	0.0001
PDSI	1	-10.186154	2.89080456	-3.524	0.0078

Commercial Monthly Model, AUGUST

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	124.46001	124.46001	0.297	0.6007
Error	8	3352.89403	419.11175		
C Total	9	3477.35404			

Root MSE	20.47222	R-square	0.0358
Dep Mean	273.81710	Adj R-sq	-0.0847
C.V.	7.47660		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	273.787775	6.47410782	42.290	0.0001
PDSI	1	-1.629372	2.98999442	-0.545	0.6007

Commercial Monthly Model, SEPTEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	2660.82979	2660.82979	16.105	0.0039
Error	8	1321.76353	165.22044		
C Total	9	3982.59332			
Root MSE	12.85381	R-square	0.6681		
Dep Mean	282.40229	Adj R-sq	0.6266		
C.V.	4.55160				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	285.257000	4.12650771	69.128	0.0001
PDSI	1	-8.322755	2.07391264	-4.013	0.0039

Commercial Monthly Model, OCTOBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	1487.90122	1487.90122	15.197	0.0059
Error	7	685.33041	97.90434		
C Total	8	2173.23163			
Root MSE	9.89466	R-square	0.6846		
Dep Mean	254.78892	Adj R-sq	0.6396		
C.V.	3.88347				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	256.891604	3.34203273	76.867	0.0001
PDSI	1	-5.951001	1.52652515	-3.898	0.0059

Commercial Monthly Model, NOVEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	376.35929	376.35929	3.644	0.0979
Error	7	722.96235	103.28034		
C Total	8	1099.32164			
Root MSE	10.16269	R-square	0.3424		
Dep Mean	239.53343	Adj R-sq	0.2484		
C.V.	4.24270				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	240.354018	3.41472948	70.387	0.0001
PDSI	1	-2.675832	1.40173613	-1.909	0.0979

Commercial Monthly Model, DECEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	111.82136	111.82136	1.525	0.2567
Error	7	513.19271	73.31324		
C Total	8	625.01406			
Root MSE	8.56232	R-square	0.1789		
Dep Mean	206.10511	Adj R-sq	0.0616		
C.V.	4.15434				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	206.516545	2.87348191	71.870	0.0001
PDSI	1	-1.418731	1.14875882	-1.235	0.2567

O.P.A. Monthly Model, JANUARY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	0	0.00000			
Error	9	7254.00769	806.00085		
C Total	9	7254.00769			
Root MSE	28.39015	R-square	0.0000		
Dep Mean	446.29844	Adj R-sq	0.0000		
C.V.	6.36125				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	446.298444	8.97775503	49.712	0.0001

O.P.A. Monthly Model, FEBRUARY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	0	0.00000			
Error	9	6711.54802	745.72756		
C Total	9	6711.54802			
Root MSE	27.30801	R-square	0.0000		
Dep Mean	467.56768	Adj R-sq	0.0000		
C.V.	5.84044				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	467.567679	8.63555185	54.145	0.0001

O.P.A. Monthly Model, MARCH

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	0	0.00000			
Error	9	20628.08820	2292.00980		
C Total	9	20628.08820			
Root MSE	47.87494	R-square	0.0000		
Dep Mean	468.88251	Adj R-sq	0.0000		
C.V.	10.21043				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	468.882506	15.13938506	30.971	0.0001

O.P.A. Monthly Model, APRIL

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	0	0.00000			
Error	9	16278.04742	1808.67194		
C Total	9	16278.04742			
Root MSE	42.52848	R-square	0.0000		
Dep Mean	496.45550	Adj R-sq	0.0000		
C.V.	8.56642				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	496.455498	13.44868743	36.915	0.0001

O.P.A. Monthly Model, MAY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	2086.45517	2086.45517	1.294	0.2882
Error	8	12896.95173	1612.11897		
C Total	9	14983.40691			
Root MSE	40.15120	R-square	0.1393		
Dep Mean	525.10309	Adj R-sq	0.0317		
C.V.	7.64635				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	526.413287	12.74904938	41.290	0.0001
PDSI	1	-7.402254	6.50665830	-1.138	0.2882

O.P.A. Monthly Model, JUNE

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	11868.35836	11868.35836	9.852	0.0138
Error	8	9636.97031	1204.62129		
C Total	9	21505.32867			
Root MSE	34.70765	R-square	0.5519		
Dep Mean	578.07993	Adj R-sq	0.4959		
C.V.	6.00395				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	580.195379	10.99619692	52.763	0.0001
PDSI	1	-15.554758	4.95556513	-3.139	0.0138

O.P.A. Monthly Model, JULY

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	17618.23437	17618.23437	11.939	0.0086
Error	8	11805.11711	1475.63964		
C Total	9	29423.35148			
Root MSE	38.41406	R-square	0.5988		
Dep Mean	661.36487	Adj R-sq	0.5486		
C.V.	5.80830				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	659.507865	12.15947341	54.238	0.0001
PDSI	1	-19.967743	5.77880360	-3.455	0.0086

O.P.A. Monthly Model, AUGUST

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	2004.95428	2004.95428	0.708	0.4246
Error	8	22657.29896	2832.16237		
C Total	9	24662.25323			
Root MSE	53.21806	R-square	0.0813		
Dep Mean	670.72504	Adj R-sq	-0.0335		
C.V.	7.93441				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	670.607327	16.82961113	39.847	0.0001
PDSI	1	-6.539698	7.77256802	-0.841	0.4246

O.P.A. Monthly Model, SEPTEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	6802.77436	6802.77436	1.850	0.2109
Error	8	29419.36177	3677.42022		
C Total	9	36222.13613			
Root MSE		60.64174	R-square	0.1878	
Dep Mean		714.20544	Adj R-sq	0.0863	
C.V.		8.49080			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	718.769963	19.46804769	36.920	0.0001
PDSI	1	-13.307657	9.78430989	-1.360	0.2109

O.P.A. Monthly Model, OCTOBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	8878.81035	8878.81035	5.199	0.0566
Error	7	11953.49594	1707.64228		
C Total	8	20832.30630			
Root MSE		41.32363	R-square	0.4262	
Dep Mean		611.32444	Adj R-sq	0.3442	
C.V.		6.75969			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	616.460908	13.95751710	44.167	0.0001
PDSI	1	-14.537187	6.37531186	-2.280	0.0566

O.P.A. Monthly Model, NOVEMBER

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	1	4961.14561	4961.14561	2.332	0.1706
Error	7	14891.03723	2127.29103		
C Total	8	19852.18284			
Root MSE		46.12257	R-square	0.2499	
Dep Mean		561.12617	Adj R-sq	0.1427	
C.V.		8.21964			

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	564.105472	15.49747477	36.400	0.0001
PDSI	1	-9.715126	6.36166658	-1.527	0.1706

O.P.A. Monthly Model, DECEMBER

Source	DF	Squares	Square	F Value	Prob>F
Model	1	1627.56118	1627.56118	7.333	0.0303
Error	7	1553.54662	221.93523		
C Total	8	3181.10780			

Root MSE	14.89749	R-square	0.5116
Dep Mean	479.09423	Adj R-sq	0.4419
C.V.	3.10951		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > T
INTERCEP	1	480.663883	4.99954377	96.142	0.0001
PDSI	1	-5.412605	1.99871452	-2.708	0.0303

```
title1 "Mean PDSI Values by Month, Lexington, 1967-1996";
options ls=100 nodate;
```

```
data palmer; infile '9612pdsi.dat';
input state 1-2 division 3-4 year 6-9 x1-x12;
if state=15 and division=03 and (1966<=year<=1996);
array x{*} x1-x12;
do month=1 to 12;
    pdsi = x(month);
    output;
end;
keep month year pdsi;
```

```
data; set;
laglpdsi = lag(pdsi);
```

```
data; set; if year>1966;
laglpds1 = min( 1,laglpdsi);
laglpds0 = min( 0,laglpdsi);
laglpds_ = min(-1,laglpdsi);
pds1     = min( 1,pdsi);
pds0     = min( 0,pdsi);
pds_     = min(-1,pdsi);
```

```
proc sort; by month;
proc means noprint; by month;
```

```
var    pdsi
        pds1
        pds0
        pds_
        laglpdsi
        laglpds1
        laglpds0
        laglpds_;
```

```
output
    mean=pdsi
        pds1
        pds0
        pds_
        laglpdsi
        laglpds1
        laglpds0
        laglpds_;
```

```
proc print; id month;
```

```
var    pdsi
        pds1
        pds0
        pds_
        laglpdsi
        laglpds1
        laglpds0
        laglpds_;
```


Mean PDSI Values by Month, Lexington, 1967-1996

1

MONTH	PDSI	PDS1	PDS0	PDS_	LAG1PDSI	LAG1PDS1	LAG1PDS0	LAG1PDS_
1	0.33333	-0.23367	-0.65233	-1.25000	0.88400	0.03900	-0.51167	-1.19267
2	0.15233	-0.31033	-0.69333	-1.24733	0.33333	-0.23367	-0.65233	-1.25000
3	0.07700	-0.33967	-0.72500	-1.31767	0.15233	-0.31033	-0.69333	-1.24733
4	0.20333	-0.20000	-0.64567	-1.28400	0.07700	-0.33967	-0.72500	-1.31767
5	0.42600	-0.13533	-0.66000	-1.30233	0.20333	-0.20000	-0.64567	-1.28400
6	0.44400	-0.01933	-0.53067	-1.25667	0.42600	-0.13533	-0.66000	-1.30233
7	0.36400	-0.10967	-0.60600	-1.24967	0.44400	-0.01933	-0.53067	-1.25667
8	0.49367	-0.07633	-0.63033	-1.29933	0.36400	-0.10967	-0.60600	-1.24967
9	0.62300	-0.04733	-0.57067	-1.24767	0.49367	-0.07633	-0.63033	-1.29933
10	0.93000	0.17533	-0.41833	-1.18733	0.62300	-0.04733	-0.57067	-1.24767
11	0.92267	0.12067	-0.47900	-1.20867	0.93000	0.17533	-0.41833	-1.18733
12	0.89867	0.03900	-0.51167	-1.19267	0.92267	0.12067	-0.47900	-1.20867

Projections of Residential Water Utilization, Gallons per Day, Kentucky-American											
	Slope of LAG1PDS0	Slope of SINCE_87	Intercept	30-yr Avg LAG1PDS0	Days	1997 Gal/Day	1998 Gal/Day	1999 Gal/Day	2000 Gal/Day	1991.5 (Check)	
Month											Customers
Jan	0	-0.1533	17.5630	-0.5117	31	174.23	172.57	170.90	169.23	183.40	25662
Feb	0	-0.1336	16.7385	-0.6523	28.3333	170.51	169.03	167.55	166.07	178.64	22602
Mar	0	-0.1947	16.4902	-0.6933	31	160.99	158.84	156.68	154.53	172.85	29311
Apr	0	-0.0906	16.7704	-0.7250	30	177.59	176.57	175.56	174.54	183.16	25662
May	-0.3931	-0.1532	16.0724	-0.6457	31	160.80	159.14	157.47	155.80	169.96	22602
Jun	-1.5873	-0.2254	17.4939	-0.6600	30	178.99	176.51	174.03	171.56	192.61	29311
Jul	-1.8421	0.0344	19.0788	-0.5307	31	221.75	222.12	222.49	222.87	219.69	25662
Aug	-1.1840	-0.1200	19.1067	-0.6060	31	202.44	201.13	199.83	198.52	209.61	22602
Sep	-1.3878	-0.1563	20.4717	-0.6303	30	215.03	213.34	211.64	209.94	224.38	29311
Oct	-1.9527	-0.0588	19.8068	-0.5707	31	221.02	220.38	219.74	219.10	224.53	25662
Nov	-0.7253	-0.1424	17.9413	-0.4183	30	184.84	183.28	181.71	180.15	193.45	22602
Dec	-0.6109	-0.2176	16.8741	-0.4790	31	162.94	160.57	158.21	155.84	175.95	29311
			Annual projections:			185.98	184.48	182.97	181.47	194.24	
			Projection, Oct 97 to Sep 98:			184.82					
KY AM9705.XLS											

KYAM9705.XLS

Projections of Commercial Water Utilization, Gallons per Day, Kentucky-American Quarterly-Billed Customers											
Month	Slope of PDSI	Slope of SINCE_87	Intercept	30-yr Avg PDSI	Days 30	1997 Gal/Day	1998 Gal/Day	1999 Gal/Day	2000 Gal/Day	1991.5 (Check)	Customers
					31						
Jan	0	-0.6428	57.5234	0.3333	31	555.39	548.40	541.41	534.43	593.81	2293
Feb	0	-1.7930	68.3250	0.1523	28.33333	557.88	538.03	518.18	498.33	667.05	2025
Mar	0	-0.2917	71.7121	0.0770	31	761.57	758.34	755.12	751.89	779.33	2082
Apr	0	0.4326	50.2851	0.2033	30	611.32	616.16	621.00	625.84	584.68	2293
May	-2.2569	-0.4579	62.3065	0.4260	31	617.02	612.05	607.07	602.09	644.40	2025
Jun	-1.5865	0.0940	75.0514	0.4440	30	827.33	828.36	829.39	830.42	821.65	2082
Jul	-0.4083	-0.2262	60.3893	0.3640	31	630.20	627.74	625.28	622.83	643.73	2293
Aug	-0.8876	-1.1505	78.1323	0.4937	31	719.45	706.95	694.44	681.94	788.23	2025
Sep	-3.5316	-0.7140	88.8951	0.6230	30	864.72	856.96	849.20	841.44	907.41	2082
Oct	-0.9976	-0.2840	66.4109	0.9300	31	680.90	677.81	674.72	671.64	697.88	2293
Nov	-1.0872	-1.3876	77.7920	0.9227	30	691.35	676.10	660.85	645.60	775.22	2025
Dec	-0.9015	0.4687	74.5757	0.8987	31	852.74	857.84	862.93	868.02	824.72	2082
			Annual projections:			695.62	690.38	685.13	679.88	724.49	
KYAM9705.XLS			Projection, Oct 97 to Sep 98:			691.16					

Projections of Commercial Water Utilization, Gallons per Day, Kentucky-American Monthly-Billed Customers											
Month	Slope of PDSI	Slope of SINCE_87	Intercept	30-yr Avg PDSI	Days	1997 Gal/Day	1998 Gal/Day	1999 Gal/Day	2000 Gal/Day	1991.5 (Check)	Customers
Jan	0	0	198.3495	0.3333	31	6,398.37	6,398.37	6,398.37	6,398.37	6,398.37	900
Feb	0	0	194.6638	0.1523	28.33333	6,870.49	6,870.49	6,870.49	6,870.49	6,870.49	900
Mar	0	0	192.0050	0.0770	31	6,193.71	6,193.71	6,193.71	6,193.71	6,193.71	900
Apr	0	0	211.1055	0.2033	30	7,036.85	7,036.85	7,036.85	7,036.85	7,036.85	900
May	-4.6232	0	220.1923	0.4260	31	7,039.45	7,039.45	7,039.45	7,039.45	7,039.45	900
Jun	-5.4302	0	245.9677	0.4440	30	8,118.56	8,118.56	8,118.56	8,118.56	8,118.56	900
Jul	-10.1862	0	272.4886	0.3640	31	8,670.35	8,670.35	8,670.35	8,670.35	8,670.35	900
Aug	-1.6294	0	273.7878	0.4937	31	8,805.92	8,805.92	8,805.92	8,805.92	8,805.92	900
Sep	-8.3228	0	285.2570	0.6230	30	9,335.73	9,335.73	9,335.73	9,335.73	9,335.73	900
Oct	-5.9510	0	256.8916	0.9300	31	8,108.30	8,108.30	8,108.30	8,108.30	8,108.30	900
Nov	-2.6758	0	240.3540	0.9227	30	7,929.50	7,929.50	7,929.50	7,929.50	7,929.50	900
Dec	-1.4187	0	206.5165	0.8987	31	6,620.69	6,620.69	6,620.69	6,620.69	6,620.69	900
Annual projections:						7,594.34	7,594.34	7,594.34	7,594.34	7,594.34	
Projection, Oct 97 to Sep 98:						7,594.34					
KYAM9705.XLS											

Projections of O. P. A. Water Utilization, Gallons per Day, Kentucky-American Monthly-Billed Customers											
	Slope of			30-yr Avg	Days	1997	1998	1999	2000	1991.5	
Month	PDSI	Slope of SINCE_87	Intercept	PDSI		Gall/Day	Gall/Day	Gall/Day	Gall/Day	(Check)	Customers
Jan	0	0	446.298	0.3333	31	14,397	14,397	14,397	14,397	14,397	215
Feb	0	0	467.568	0.1523	28.33333	16,502	16,502	16,502	16,502	16,502	215
Mar	0	0	468.883	0.0770	31	15,125	15,125	15,125	15,125	15,125	215
Apr	0	0	496.455	0.2033	30	16,549	16,549	16,549	16,549	16,549	215
May	-7.4023	0	526.413	0.4260	31	16,879	16,879	16,879	16,879	16,879	215
Jun	-15.5548	0	580.195	0.4440	30	19,110	19,110	19,110	19,110	19,110	215
Jul	-19.9677	0	659.508	0.3640	31	21,040	21,040	21,040	21,040	21,040	215
Aug	-6.5397	0	670.607	0.4937	31	21,528	21,528	21,528	21,528	21,528	215
Sep	-13.3077	0	718.770	0.6230	30	23,683	23,683	23,683	23,683	23,683	215
Oct	-14.5372	0	616.461	0.9300	31	19,450	19,450	19,450	19,450	19,450	215
Nov	-9.7151	0	564.105	0.9227	30	18,505	18,505	18,505	18,505	18,505	215
Dec	-5.4126	0	480.664	0.8987	31	15,348	15,348	15,348	15,348	15,348	215
			Annual projections:			18,176	18,176	18,176	18,176	18,176	
			Projection, Oct 97 to Sep 98:			18,176					

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

12. Provide the “billing determinates” (billing determinates include all information needed to compute, but not confined to customer meters, customer volumes by rate class by location) as shown on Exhibit No. 4 Schedule 2 for the 12 months ended September 30, 2010. Provide all work papers, documentation, i.e. billing determinants, by customer class, by location supporting any normalization adjustments for the period.

Response:

Attached is the bill analysis identified as TN-CAPD-01-PART III-Q12 ATTACHMENT 1, for the 12 months ending September 30, 2010. Supporting documentation, including all support for normalization adjustments, is also attached and identified as follows:

TN-CAPD-01-PART III-Q12-ATTACHMENT 2 (billing determinants)

TN-CAPD-01-PART III-Q12-ATTACHMENT 3 (customer growth)

TN-CAPD-01-PART III-Q12-ATTACHMENT 4 (other revenues)

TN-CAPD-01-PART III-Q12-ATTACHMENT 5 (private fire growth)

TN-CAPD-01-PART III-Q12-ATTACHMENT 6 (weather normalization adjustment)

TN-CAPD-01-PART III-Q12-ATTACHMENT 7 (annualize Fort Oglethorpe rate increase)

TN-CAPD-01-PART III-Q12-ATTACHMENT 8 (revenue summary)

TN-CAPD-01-PART III-Q12-ATTACHMENT 9 (revenue adjustment recap)

The Excel file for the above attachments can be located on the enclosed CD and refer to the folder labeled as TN-CAPD-01-PART III-Q12.

Please note that the Company utilized the weather normalization adjustment as originally prepared by Dr. Edward Spitznagel that used a test year end of March 31, 2010. The Company would have incurred unnecessary expense to have Dr. Spitznagel prepare a new study with a test year end of September 30, 2010.

Per book revenues include unbilled revenues.

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Chattanooga												
6	5/8 - inch meter	720,108	10.88	\$7,834,771	725,802	10.88	\$7,896,722	728,551	10.88	\$7,926,631	728,551	10.88	\$7,926,631
7	3/4 - inch meter	1,083	18.28	18,792	1,083	18.28	18,792	1,083	18.28	19,792	1,083	18.28	19,792
8	1 - inch meter	1,933	30.41	58,779	1,933	30.41	58,779	1,933	30.41	58,778	1,933	30.41	58,778
9	1 1/2 - inch meter	219	60.85	13,357	219	60.85	13,357	219	60.85	13,357	219	60.85	13,357
10	2 - inch meter	108	97.35	10,527	108	97.35	10,527	108	97.35	10,527	108	97.35	10,527
11	3 - inch meter	1	182.53	268	1	182.53	268	1	182.53	268	1	182.53	268
12	4 - inch meter	0	304.23	0	0	304.23	0	0	304.23	0	0	304.23	0
13	6 - inch meter	0	608.47	0	0	608.47	0	0	608.47	0	0	608.47	0
14	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	0	0	973.53	0
15	Total Meters	723,452		7,837,494	725,145		7,999,445	731,885		8,029,354	731,885		8,029,354
16													
17	Volumetric												
18	First 400 Cubic Feet	2,280,214	0.202	460,603	2,302,950	0.202	465,204	2,313,988	0.202	467,426	2,313,988	0.202	467,426
19	Next 6,100 Cubic Feet	1,661,747	3.207	5,329,221	1,960,523	3.207	5,004,596	1,664,647	3.207	5,017,822	1,664,647	3.207	5,017,822
20	Next 43,500 Cubic Feet	66,874	2.015	134,751	66,874	2.015	134,751	66,874	2.015	134,751	66,874	2.015	134,751
21	Next 450,000 Cubic Feet	2,745	1.508	4,134	2,745	1.508	4,134	2,745	1.508	4,134	2,745	1.508	4,134
22	Next 1,000,000 Cubic Feet	0	1.151	0	0	1.151	0	0	1.151	0	0	1.151	0
23	All Over 1,500,000 Cubic Feet	0	0.684	0	0	0.684	0	0	0.684	0	0	0.684	0
24	Chattanooga Amount	4,011,579		13,866,203	3,933,131		13,608,130	3,948,251		13,653,456	3,948,251		13,653,456
25													
26	Lookout Mountain												
27	5/8 - inch meter	20,756	12.21	253,434	20,934	12.21	255,607	21,021	12.21	256,870	21,021	12.21	256,870
28	3/4 - inch meter	513	18.28	9,376	513	18.28	9,376	513	18.28	9,376	513	18.28	9,376
29	1 - inch meter	1,403	30.41	42,553	1,403	30.41	42,553	1,403	30.41	42,553	1,403	30.41	42,553
30	1 1/2 - inch meter	24	60.85	1,460	24	60.85	1,460	24	60.85	1,460	24	60.85	1,460
31	2 - inch meter	26	97.35	2,434	26	97.35	2,434	26	97.35	2,434	26	97.35	2,434
32	3 - inch meter	0	182.53	0	0	182.53	0	0	182.53	0	0	182.53	0
33	4 - inch meter	0	304.23	0	0	304.23	0	0	304.23	0	0	304.23	0
34	6 - inch meter	0	608.47	0	0	608.47	0	0	608.47	0	0	608.47	0
35	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	0	0	973.53	0
36	Total Meters	22,721		309,357	22,899		311,530	22,986		312,593	22,986		312,593
37													
38	Volumetric												
39	First 400 Cubic Feet	74,416	0.753	56,036	75,128	0.753	56,572	75,476	0.753	56,834	75,476	0.753	56,834
40	Next 6,100 Cubic Feet	142,513	4.131	588,721	137,181	4.131	566,695	137,738	4.131	568,996	137,738	4.131	568,996
41	Next 43,500 Cubic Feet	19,467	2.939	57,212	19,467	2.939	57,212	19,467	2.939	57,212	19,467	2.939	57,212
42	Next 450,000 Cubic Feet	93	2.055	191	93	2.055	191	93	2.055	191	93	2.055	191
43	Next 1,000,000 Cubic Feet	0	1.701	0	0	1.701	0	0	1.701	0	0	1.701	0
44	All Over 1,500,000 Cubic Feet	0	1.233	0	0	1.233	0	0	1.233	0	0	1.233	0
45	Lookout Mountain Amount	236,459		1,011,517	231,869		992,200	232,774		995,826	232,774		995,826
46													

Attrition Year Revenues at Current and Proposed Rates

Tennessee Regulatory Authority

Residential Class

Company : Tennessee-American Water Company

Case No. :

Line No.	Description	Per Books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determineate	Rates	Revenues	Billing Determineate	Rates	Revenues	Billing Determineate	Rates	Revenues	Billing Determineate	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	33,249	12.21	405,976	33,077	12.21	403,876	33,205	12.21	405,438	33,205	0.00	0
7	3/4 - inch meter	0	18.28	0	0	18.28	-	-	18.28	-	-	0.00	0
8	1 - inch meter	37	30.41	1,125	37	30.41	1,125	37	30.41	1,126	37	0.00	0
9	1 1/2 - inch meter	0	60.85	0	0	60.85	-	-	60.85	-	-	0.00	0
10	2 - inch meter	0	97.35	0	0	97.35	-	-	97.35	-	-	0.00	0
11	3 - inch meter	0	182.63	0	0	182.63	-	-	182.63	-	-	0.00	0
12	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	0.00	0
13	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	0.00	0
14	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	0.00	0
15	Total Meters	33,285		407,101	33,114		405,001	33,242		406,563	33,242		0
16													
17	Volumetric												
18	First 400 Cubic Feet	106,622	0.372	39,663	105,934	0.372	39,407	106,446	0.372	39,598	106,446	0.00	0
19	Next 6,100 Cubic Feet	76,719	3.634	271,126	71,427	3.634	262,423	71,619	3.534	253,102	71,619	0.00	0
20	Next 43,500 Cubic Feet	627	2.342	1,468	627	2.342	1,468	627	2.342	1,468	627	0.00	0
21	Next 450,000 Cubic Feet	0	1.674	0	0	1.674	-	-	1.674	-	-	0.00	0
22	Next 1,000,000 Cubic Feet	0	1.320	0	0	1.320	-	-	1.320	-	-	0.00	0
23	All Over 1,500,000 Cubic Feet	0	0.852	0	0	0.852	-	-	0.852	-	-	0.00	0
24	Lakeview Amount	183,968		719,357	177,888		686,299	178,692		700,731	178,692		0
25													
26	Lone Oak												
27	5/8 - inch meter	1,427	32.76	46,756	1,427	32.76	46,756	1,427	32.76	46,756	1,427	0.00	0
28	3/4 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	0.00	0
29	1 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	0.00	0
30	1 1/2 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	0.00	0
31	2 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	0.00	0
32	3 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	0.00	0
33	4 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	0.00	0
34	6 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	0.00	0
35	8 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	0.00	0
36	Total Meters	1,427		46,756	1,427		46,756	1,427		46,756	1,427		0
37													
38	Volumetric												
39	First 2.67 (100 CCF)	3,240	0.000	0	3,240	0.000	-	3,240	0.000	-	3,240	0.00	0
40	In Excess 2.67 (100 CCF)	4,941	4,1200	20,357	4,941	4,1200	20,357	4,941	4,1200	20,357	4,941	0.00	0
41													
42													
43	First 400 Cubic Feet										4,429	0.00	0
44	Next 6,100 Cubic Feet										3,008	0.00	0
45	Next 43,500 Cubic Feet										-		0
46	Lone Oak Amount	8,181		67,113	8,181		67,113	8,181		67,113	7,437		0

Attrition Year Revenues at Current and Proposed Rates

Tennessee Regulatory Authority

Commercial Class

Company: Tennessee-American Water Company

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Chattanooga												
6	5/8 - inch meter	61,071	10.81	\$860,182	61,071	10.81	\$860,182	61,071	10.81	\$860,182	61,071	10.81	\$0
7	3/4 - inch meter	1,604	18.16	29,137	1,604	18.16	29,137	1,604	18.16	29,137	1,604	18.16	0
8	1 - inch meter	16,830	30.22	508,607	16,832	30.22	508,667	17,385	30.22	525,379	17,385	30.22	0
9	1 1/2 - inch meter	4,259	60.47	257,554	4,259	60.47	257,554	4,259	60.47	257,554	4,259	60.47	0
10	2 - inch meter	12,708	96.74	1,229,324	12,708	96.74	1,229,324	12,708	96.74	1,229,324	12,708	96.74	0
11	3 - inch meter	429	181.40	77,796	429	181.40	77,796	429	181.40	77,796	429	181.40	0
12	4 - inch meter	292	302.34	88,364	292	302.34	88,364	292	302.34	88,364	292	302.34	0
13	6 - inch meter	150	604.69	90,724	150	604.69	90,724	150	604.69	90,724	150	604.69	0
14	8 - inch meter	24	967.50	23,220	24	967.50	23,220	24	967.50	23,220	24	967.50	0
15	Total Meters	97,368		2,964,908	97,370		2,964,968	97,823		2,981,680	97,823		0
16													
17	Volumetric												
18	First 400 Cubic Feet	268,676	0.201	51,994	268,684	0.201	51,995	260,896	0.201	52,440	260,896	0.201	0
19	Next 6,100 Cubic Feet	1,184,432	3.187	3,774,848	1,184,524	3.187	3,775,077	1,204,432	3.187	3,838,524	1,204,432	3.187	0
20	Next 43,500 Cubic Feet	1,597,211	2.003	3,189,213	1,547,839	2.003	3,100,321	1,547,839	2.003	3,100,321	1,547,839	2.003	0
21	Next 450,000 Cubic Feet	843,753	1.497	1,263,098	843,753	1.497	1,263,098	843,753	1.497	1,263,098	843,753	1.497	0
22	Next 1,000,000 Cubic Feet	10,141	1.144	11,601	10,141	1.144	11,601	10,141	1.144	11,601	10,141	1.144	0
23	All Over 1,500,000 Cubic Feet	0	0.679	0	0	0.679	-	-	0.679	-	-	0.679	0
24	Chattanooga Amount	3,894,232		11,265,562	3,844,940		11,167,060	3,867,060		11,227,864	3,867,060		0
25													
26	Lookout Mountain												
27	5/8 - inch meter	624	12.14	7,577	624	12.14	7,577	624	12.14	7,577	624	12.14	0
28	3/4 - inch meter	24	18.16	436	24	18.16	436	24	18.16	436	24	18.16	0
29	1 - inch meter	221	30.22	6,684	281	30.22	8,497	287	30.22	8,678	287	30.22	0
30	1 1/2 - inch meter	38	60.47	2,296	38	60.47	2,298	38	60.47	2,298	38	60.47	0
31	2 - inch meter	96	96.74	9,264	96	96.74	9,264	96	96.74	9,264	96	96.74	0
32	3 - inch meter	0	181.40	0	0	181.40	-	-	181.40	-	-	181.40	0
33	4 - inch meter	0	302.34	0	0	302.34	-	-	302.34	-	-	302.34	0
34	6 - inch meter	0	604.69	0	0	604.69	-	-	604.69	-	-	604.69	0
35	8 - inch meter	0	967.50	0	0	967.50	-	-	967.50	-	-	967.50	0
36	Total Meters	1,003		26,259	1,063		28,072	1,069		28,253	1,069		0
37													
38	Volumetric												
39	First 400 Cubic Feet	2,760	0.748	2,065	3,000	0.748	2,244	3,024	0.748	2,262	3,024	0.748	0
40	Next 6,100 Cubic Feet	15,687	4.105	63,984	18,185	4.105	74,525	18,412	4.105	75,680	18,412	4.105	0
41	Next 43,500 Cubic Feet	16,577	2.921	48,420	15,982	2.921	46,682	15,982	2.921	46,682	15,982	2.921	0
42	Next 450,000 Cubic Feet	11,996	2.042	24,497	11,996	2.042	24,497	11,996	2.042	24,497	11,996	2.042	0
43	Next 1,000,000 Cubic Feet	0	1.691	0	0	1.691	-	-	1.691	-	-	1.691	0
44	All Over 1,600,000 Cubic Feet	0	1.225	0	0	1.225	-	-	1.225	-	-	1.225	0
45	Lookout Mountain Amount	46,920		165,225	49,133		176,020	49,414		177,274	49,414		0
46													

Tennessee Regulatory Authority
Commercial Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending September 30, 2010
Exhibit No. 4, Schedule 2
Page No. 5 of 13

Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	1,539	12.14	19,896	1,839	12.14	19,896	1,639	12.14	19,896	1,639	0.00	0
7	3/4 - inch meter	0	18.16	0	0	18.16	0	0	18.16	0	0	0.00	0
8	1 - inch meter	216	30.22	6,529	213	30.22	6,438	224	30.22	6,770	224	0.00	0
9	1 1/2 - inch meter	0	60.47	0	0	60.47	0	0	60.47	0	0	0.00	0
10	2 - inch meter	84	96.74	8,126	84	96.74	8,126	84	96.74	8,126	84	0.00	0
11	3 - inch meter	0	181.40	0	0	181.40	0	0	181.40	0	0	0.00	0
12	4 - inch meter	0	302.34	0	0	302.34	0	0	302.34	0	0	0.00	0
13	6 - inch meter	0	604.69	0	0	604.69	0	0	604.69	0	0	0.00	0
14	8 - inch meter	0	967.50	0	0	967.50	0	0	967.50	0	0	0.00	0
15	Total Meters	1,939		34,550	1,936		34,459	1,947		34,791	1,947		0
16													
17	Volumetric												
18	First 400 Cubic Feet	4,943	0.369	1,824	4,931	0.369	1,819	4,975	0.369	1,836	4,975	0.00	0
19	Next 3,100 Cubic Feet	11,976	3.512	42,060	11,951	3.512	41,972	12,043	3.512	42,296	12,043	0.00	0
20	Next 43,500 Cubic Feet	6,827	2.328	15,894	6,823	2.328	15,186	6,823	2.328	15,186	6,823	0.00	0
21	Next 450,000 Cubic Feet	240	1.664	399	240	1.664	399	240	1.664	399	240	0.00	0
22	Next 1,000,000 Cubic Feet	0	1.312	0	0	1.312	0	0	1.312	0	0	0.00	0
23	All Over 1,500,000 Cubic Feet	0	0.846	0	0	0.846	0	0	0.846	0	0	0.00	0
24	Lakeview Amount	23,986		94,727	23,645		93,835	23,781		94,507	23,781		0
25													
26	Lone Oak												
27	5/8 - inch meter	29	32.56	938	29	32.56	938	29	32.56	938	29	0.00	0
28	3/4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	0.00	0
29	1 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	0.00	0
30	1 1/2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	0.00	0
31	2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	0.00	0
32	3 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	0.00	0
33	4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	0.00	0
34	6 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	0.00	0
35	8 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	0.00	0
36	Total Meters	29		938	29		938	29		938	29		0
37													
38	Volumetric												
39	First 2.67 (100 CCF)	16	0.000	0	16	0.000	0	16	0.000	0	16	0.00	0
40	In Excess 2.67 (100 CCF)	2	4.094	10	2	4.094	10	2	4.094	10	2	0.00	0
41													
42													
43	First 400 Cubic Feet												
44	Next 5,100 Cubic Feet												
45	Next 43,500 Cubic Feet												
46	Lone Oak Amount	18		948	18		948	18		948	18		0

Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
Billing	Billing		Billing			Billing			Billing		
Determinate	Determinate		Determinate	Determinate	Determinate	Determinate	Determinate	Determinate	Determinate	Determinate	Determinate
Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues
Rates	Rates	Rates	Rates	Rates	Rates	Rates	Rates	Rates	Rates	Rates	Rates
48	48	48	48	48	48	48	48	48	48	48	48
Suck Creek											
5/8 - inch meter	48	23.70	1,138	23.70	1,138	23.70	1,138	23.70	1,138	23.70	1,138
3/4 - inch meter	0	23.70	0	23.70	0	23.70	0	23.70	0	23.70	0
1 - inch meter	0	23.70	0	23.70	0	23.70	0	23.70	0	23.70	0
1 1/2 - inch meter	0	23.70	0	23.70	0	23.70	0	23.70	0	23.70	0
2 - inch meter	0	23.70	0	23.70	0	23.70	0	23.70	0	23.70	0
3 - inch meter	0	23.70	0	23.70	0	23.70	0	23.70	0	23.70	0
4 - inch meter	0	23.70	0	23.70	0	23.70	0	23.70	0	23.70	0
6 - inch meter	0	23.70	0	23.70	0	23.70	0	23.70	0	23.70	0
8 - inch meter	0	23.70	0	23.70	0	23.70	0	23.70	0	23.70	0
Total Meters	48		1,138	48		1,138	48		1,138	48	
Volumetric											
First 2 (100 CCF)	27	0.000	0	27	0.000	0.000	27	0.000	0.000	0.000	0
Next 10.67 (100 CCF)	23	3.423	78	23	3.423	78	23	3.423	78	3.423	78
All Over 12.67 (100 CCF)	48	2.567	124	48	2.567	124	48	2.567	124	2.567	124
First 400 Cubic Feet											
Next 6,100 Cubic Feet											
Next 43,600 Cubic Feet											
Suck Creek Amount	98		1,340	98		1,340	98		1,340	144	0
Total Gross	3,956,264		11,527,902	3,977,834		11,436,203	3,940,371		11,521,733	3,940,412	0
Proration adjustment/billing adj 9/10			(10,298)								
Less: Correction & Allowances	(7,004)		(888)	(7,004)		(888)	(7,004)		(888)	(7,004)	0
Net Amount	3,972,258		11,516,492	3,924,838		11,440,091	3,947,375		11,522,621	3,947,416	0
Net Amt. Per Revenue Summary	3,977,228		11,518,398	3,929,751		11,440,000	3,952,316		11,522,529	3,952,367	0
Difference	(4,970)		94	(4,913)		91	(4,941)		92	(4,941)	0
Percent Difference	-0.1260%		0.0008%	-0.1260%		0.0008%	-0.1260%		0.0008%	-0.1260%	#DIV/0!

Tennessee Regulatory Authority
Industrial Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates
Test Year Twelve Months Ending September 30, 2010
Exhibit No. 4, Schedule 2
Page No. 7 of 13

Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
5	Chattanooga												
6	5/8 - inch meter	254	10.88	\$2,872	264	10.88	\$2,872	264	10.88	\$2,872	264	10.88	\$2,872
7	3/4 - inch meter	24	18.28	439	24	18.28	439	24	18.28	439	24	18.28	439
8	1 - inch meter	283	30.41	8,013	283	30.41	8,013	283	30.41	8,013	283	30.41	8,013
9	1 1/2 - inch meter	72	80.85	4,381	72	80.85	4,381	72	80.85	4,381	72	80.85	4,381
10	2 - inch meter	985	97.35	96,932	985	97.35	96,932	985	97.35	96,932	985	97.35	96,932
11	3 - inch meter	0	182.53	0	0	182.53	0	0	182.53	0	0	182.53	0
12	4 - inch meter	204	304.23	62,185	204	304.23	62,185	204	304.23	62,185	204	304.23	62,185
13	6 - inch meter	60	608.47	36,711	60	608.47	36,711	60	608.47	36,711	60	608.47	36,711
14	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	0	0	973.53	0
15	Total Meters	1,874		210,533	1,874		210,533	1,874		210,533	1,874		210,533
16													
17	Volumetric												
18	First 400 Cubic Feet	4,927	0.202	995	4,927	0.202	995	4,927	0.202	995	4,927	0.202	995
19	Next 8,100 Cubic Feet	49,783	3.207	159,654	49,783	3.207	159,654	49,783	3.207	159,654	49,783	3.207	159,654
20	Next 43,800 Cubic Feet	230,927	2,015	465,319	230,927	2,015	465,319	230,927	2,015	465,319	230,927	2,015	465,319
21	Next 450,000 Cubic Feet	872,926	1,506	1,314,627	872,926	1,506	1,314,627	872,926	1,506	1,314,627	872,926	1,506	1,314,627
22	Next 1,000,000 Cubic Feet	729,312	1,151	839,438	729,312	1,151	839,438	729,312	1,151	839,438	729,312	1,151	839,438
23	All Over 1,500,000 Cubic Feet	775,046	0.684	530,131	775,046	0.684	530,131	775,046	0.684	530,131	775,046	0.684	530,131
24	Chattanooga Amount	2,662,922		3,520,697	2,662,922		3,520,697	2,662,922		3,520,697	2,662,922		3,520,697
25													
26	Lookout Mountain												
27	5/8 - inch meter	0	12.21	0	0	12.21	0	0	12.21	0	0	12.21	0
28	3/4 - inch meter	0	18.28	0	0	18.28	0	0	18.28	0	0	18.28	0
29	1 - inch meter	0	30.41	0	0	30.41	0	0	30.41	0	0	30.41	0
30	1 1/2 - inch meter	0	60.85	0	0	60.85	0	0	60.85	0	0	60.85	0
31	2 - inch meter	0	97.35	0	0	97.35	0	0	97.35	0	0	97.35	0
32	3 - inch meter	0	182.53	0	0	182.53	0	0	182.53	0	0	182.53	0
33	4 - inch meter	0	304.23	0	0	304.23	0	0	304.23	0	0	304.23	0
34	6 - inch meter	0	608.47	0	0	608.47	0	0	608.47	0	0	608.47	0
35	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	0	0	973.53	0
36	Total Meters	0		0	0		0	0		0	0		0
37													
38	Volumetric												
39	First 400 Cubic Feet	0	0.753	0	0	0.753	0	0	0.753	0	0	0.753	0
40	Next 8,100 Cubic Feet	0	4,131	0	0	4,131	0	0	4,131	0	0	4,131	0
41	Next 43,800 Cubic Feet	0	2,939	0	0	2,939	0	0	2,939	0	0	2,939	0
42	Next 450,000 Cubic Feet	0	2,055	0	0	2,055	0	0	2,055	0	0	2,055	0
43	Next 1,000,000 Cubic Feet	0	1,701	0	0	1,701	0	0	1,701	0	0	1,701	0
44	All Over 1,500,000 Cubic Feet	0	1,233	0	0	1,233	0	0	1,233	0	0	1,233	0
45	Lookout Mountain Amount	0		0	0		0	0		0	0		0

Exhibit No. 4, Schedule 2
Page No. 8 of 13

Industrial Class
Company : Tennessee-American Water Company
Case No. :

Line No.		Per-books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	0	12.21	0	0	12.21	0	12.21	0	12.21	-	-	0.00
7	3/4 - inch meter	0	18.28	0	0	18.28	0	18.28	0	18.28	-	-	0.00
8	1 - inch meter	0	30.41	0	0	30.41	0	30.41	0	30.41	-	-	0.00
9	1 1/2 - inch meter	0	60.85	0	0	60.85	0	60.85	0	60.85	-	-	0.00
10	2 - inch meter	0	97.35	0	0	97.35	0	97.35	0	97.35	-	-	0.00
11	3 - inch meter	0	182.53	0	0	182.53	0	182.53	0	182.53	-	-	0.00
12	4 - inch meter	0	304.23	0	0	304.23	0	304.23	0	304.23	-	-	0.00
13	6 - inch meter	0	608.47	0	0	608.47	0	608.47	0	608.47	-	-	0.00
14	8 - inch meter	0	973.53	0	0	973.53	0	973.53	0	973.53	-	-	0.00
15	Total Meters	0		0	0		0		0		-	-	0
16													
17	Volumetric												
18	First 400 Cubic Feet	0	0.372	0	0	0.372	0	0.372	0	0.372	-	-	0.00
19	Next 6,100 Cubic Feet	0	3.534	0	0	3.534	0	3.534	0	3.534	-	-	0.00
20	Next 43,500 Cubic Feet	0	2.342	0	0	2.342	0	2.342	0	2.342	-	-	0.00
21	Next 450,000 Cubic Feet	0	1.574	0	0	1.574	0	1.574	0	1.574	-	-	0.00
22	Next 1,000,000 Cubic Feet	0	1.320	0	0	1.320	0	1.320	0	1.320	-	-	0.00
23	All Over 1,500,000 Cubic Feet	0	0.852	0	0	0.852	0	0.852	0	0.852	-	-	0.00
24	Lakeview Amount	0		0	0		0		0		-	-	0
25													
26	Total Gross	2,662,922		3,520,697	2,662,922		3,520,697	2,662,922		3,520,697	2,662,922		0
27	Proration adjustment												
28	Less: Correction & Allowances	7		44	7		44	7		44	7		0
29	Net Amount	2,662,915		3,520,653	2,662,915		3,520,653	2,662,915		3,520,653	2,662,915		0
30	Net Amt. Per Revenue Summary	2,662,914		3,520,458	2,662,915		3,520,458	2,662,915		3,520,458	2,662,915		0
31	Difference	1		196	-		197	-		197	-		0
32	Percent Difference	0.0000%		0.0056%	0.0000%		0.0056%	0.0000%		0.0056%	0.0000%		#DIV/0!

Line No.		Per books				Normalized				Attrition Year at Present Rates				Attrition Year at Proposed Rates				
		Billing		Rates	Revenues	Billing		Rates	Revenues	Billing		Rates	Revenues	Billing		Rates	Revenues	
Determinante	Determinante	Determinante	Determinante			Determinante	Determinante			Determinante	Determinante			Determinante	Determinante			Determinante
1	2																	
3	4																	
5	6	Chattanooga																
6	7	5/8 - inch meter	2,032	10.88	\$22,106	2,032	10.88	\$22,106	2,032	10.88	10.88	\$22,106	2,032	10.88	2,032	0.00	0.00	\$0
7	8	3/4 - inch meter	144	18.28	2,632	144	18.28	2,632	144	18.28	18.28	2,632	144	18.28	144	0.00	0.00	0
8	9	1 - inch meter	1,556	30.41	46,669	1,556	30.41	47,328	1,556	30.41	30.41	47,328	1,556	30.41	1,556	0.00	0.00	0
9	10	1 1/2 - inch meter	821	60.85	49,964	821	60.85	49,964	821	60.85	60.85	49,964	821	60.85	821	0.00	0.00	0
10	11	2 - inch meter	3,478	97.35	338,613	3,478	97.35	338,613	3,478	97.35	97.35	338,613	3,478	97.35	3,478	0.00	0.00	0
11	12	3 - inch meter	89	182.53	16,251	89	182.53	16,251	89	182.53	182.53	16,251	89	182.53	89	0.00	0.00	0
12	13	4 - inch meter	252	304.23	76,727	252	304.23	76,727	252	304.23	304.23	76,727	252	304.23	252	0.00	0.00	0
13	14	6 - inch meter	36	608.47	21,986	36	608.47	21,986	36	608.47	608.47	21,986	36	608.47	36	0.00	0.00	0
14	15	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	973.53	0	0	973.53	0	0.00	0.00	0
15	16	Total Meters	8,387		574,938	8,409		575,607	8,409			575,607	8,409		8,409			0
16	17	Volumetric																
17	18	First	21,043	0.202	4,251	21,131	0.202	4,268	21,131	0.202	0.202	4,268	21,131	0.202	21,131	0.00	0.00	0
18	19	Next	156,994	3.207	507,006	159,436	3.207	511,310	159,436	3.207	3.207	511,310	159,436	3.207	159,436	0.00	0.00	0
19	20	Next	344,047	2.015	693,255	345,416	2.015	696,012	345,416	2.015	2.015	696,012	345,416	2.015	345,416	0.00	0.00	0
20	21	Next	481,224	1.506	724,723	481,224	1.506	724,723	481,224	1.506	1.506	724,723	481,224	1.506	724,723	0.00	0.00	0
21	22	Next	62,497	1.151	71,934	62,497	1.151	71,934	62,497	1.151	1.151	71,934	62,497	1.151	71,934	0.00	0.00	0
22	23	All Over	1,086,905	0.884	0	0	0.884	0	0.884	0.884	0.884	0	0	0.884	0	0.00	0.00	0
23	24	Chattanooga Amount			2,576,107	1,069,703		2,583,854	1,069,703			2,583,854	1,069,703		1,069,703			0
24	25																	
25	26	Lookout Mountain																
26	27	5/8 - inch meter	164	12.21	2,002	164	12.21	2,002	164	12.21	12.21	2,002	164	12.21	164	0.00	0.00	0
27	28	3/4 - inch meter	16	18.28	297	16	18.28	297	16	18.28	18.28	297	16	18.28	16	0.00	0.00	0
28	29	1 - inch meter	132	30.41	4,023	132	30.41	4,023	132	30.41	30.41	4,023	132	30.41	132	0.00	0.00	0
29	30	1 1/2 - inch meter	12	60.85	730	12	60.85	730	12	60.85	60.85	730	12	60.85	12	0.00	0.00	0
30	31	2 - inch meter	72	97.35	7,008	72	97.35	7,008	72	97.35	97.35	7,008	72	97.35	72	0.00	0.00	0
31	32	3 - inch meter	0	182.53	0	0	182.53	0	0	182.53	182.53	0	0	182.53	0	0.00	0.00	0
32	33	4 - inch meter	0	304.23	0	0	304.23	0	0	304.23	304.23	0	0	304.23	0	0.00	0.00	0
33	34	6 - inch meter	0	608.47	0	0	608.47	0	0	608.47	608.47	0	0	608.47	0	0.00	0.00	0
34	35	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	973.53	0	0	973.53	0	0.00	0.00	0
35	36	Total Meters	397		14,061	397		14,061	397			14,061	397		397			0
36	37																	
37	38	Volumetric																
38	39	First	892	0.753	672	892	0.753	672	892	0.753	0.753	672	892	0.753	892	0.00	0.00	0
39	40	Next	5,160	4.131	21,315	5,160	4.131	21,315	5,160	4.131	4.131	21,315	5,160	4.131	5,160	0.00	0.00	0
40	41	Next	2,476	2.939	7,277	2,476	2.939	7,277	2,476	2.939	2.939	7,277	2,476	2.939	2,476	0.00	0.00	0
41	42	Next	648	2.055	1,332	648	2.055	1,332	648	2.055	2.055	1,332	648	2.055	648	0.00	0.00	0
42	43	Next	1,000,000	1.701	0	0	1.701	0	0	1.701	1.701	0	0	1.701	0	0.00	0.00	0
43	44	All Over	1,500,000	1.233	0	0	1.233	0	0	1.233	1.233	0	0	1.233	0	0.00	0.00	0
44	45	Lookout Mountain Amount			44,657	9,176		44,657	9,176			44,657	9,176		9,176			0
45	46																	

Tennessee Regulatory Authority
Other Public Authority Class
Company : Tennessee-American Water Company
Case No. :
Test Year Twelve Months Ending September 30, 2010
Exhibit No. 4, Schedule 2
Page No. 10 of 13

Attrition Year Revenues at Current and Proposed Rates

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues
1		60	12.21	733	60	12.21	733	60	12.21	733	60	12.21	733
2		0	18.28	0	-	18.28	-	-	18.28	-	-	18.28	-
3		12	30.41	365	12	30.41	365	12	30.41	365	12	30.41	365
4		12	60.85	731	12	60.85	731	12	60.85	731	12	60.85	731
5	Lakeview	24	97.35	2,338	24	97.35	2,338	24	97.35	2,338	24	97.35	2,338
6	5/8 - inch meter	0	182.53	0	-	182.53	-	-	182.53	-	-	182.53	-
7	3/4 - inch meter	0	304.23	0	-	304.23	-	-	304.23	-	-	304.23	-
8	1 - inch meter	0	608.47	0	-	608.47	-	-	608.47	-	-	608.47	-
9	1 1/2 - inch meter	0	973.53	0	-	973.53	-	-	973.53	-	-	973.53	-
10	2 - inch meter	0	182.53	0	-	182.53	-	-	182.53	-	-	182.53	-
11	3 - inch meter	0	304.23	0	-	304.23	-	-	304.23	-	-	304.23	-
12	4 - inch meter	0	608.47	0	-	608.47	-	-	608.47	-	-	608.47	-
13	6 - inch meter	0	973.53	0	-	973.53	-	-	973.53	-	-	973.53	-
14	8 - inch meter	0	973.53	0	-	973.53	-	-	973.53	-	-	973.53	-
15	Total Meters	108		4,167	108		4,167	108		4,167	108		4,167
16													
17	Volumetric												
18	First 400 Cubic Feet	178	0.372	66	178	0.372	66	178	0.372	66	178	0.372	66
19	Next 6,100 Cubic Feet	1,728	3.534	6,107	1,728	3.534	6,107	1,728	3.534	6,107	1,728	3.534	6,107
20	Next 43,500 Cubic Feet	1,023	2.342	2,396	1,023	2.342	2,396	1,023	2.342	2,396	1,023	2.342	2,396
21	Next 480,000 Cubic Feet	0	1.674	0	0	1.674	-	-	1.674	-	-	1.674	-
22	Next 1,060,000 Cubic Feet	0	1.320	0	0	1.320	-	-	1.320	-	-	1.320	-
23	All Over 1,500,000 Cubic Feet	0	0.862	0	0	0.862	-	-	0.862	-	-	0.862	-
24	Lakeview Amount	2,929		12,736	2,929		12,736	2,929		12,736	2,929		12,736
25													
26	Total Gross	1,079,010		2,633,600	1,081,808		2,641,247	1,081,808		2,641,247	1,081,808		2,641,247
27	Proration adjustment												
28	Less: Correction & Allowances	771		2,798	771		2,798	771		2,798	771		2,798
29	Net Amount	1,078,240		2,630,704	1,081,038		2,638,451	1,081,038		2,638,451	1,081,038		2,638,451
30	Net Amt. Per Revenue Summary	1,078,042		2,630,723	1,080,840		2,630,469	1,080,840		2,638,469	1,080,840		2,638,469
31	Difference	198		(19)	198		(19)	198		(19)	198		(19)
32	Percent Difference	0.0183%		-0.0007%	0.0183%		-0.0007%	0.0183%		-0.0007%	0.0183%		-0.0007%
33													
34													
35													
36													
37													
38													
39													
40													
41													
42													
43													
44													
45													
46													
47													
48													

#DIV/0!

2,833,500
7,747

Tennessee Regulatory Authority
Other Water Utility Class
Company : Tennessee-American Water Company
Case No. :
Attrition Year Revenues at Current and Proposed Rates
Test Year Twelve Months Ending September 30, 2010
Exhibit No. 4, Schedule 2
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Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Chattanooga												
6	5/8 - inch meter	0	10.88	\$0	-	10.88	\$0	-	10.88	\$0	0	0.00	\$0
7	3/4 - inch meter	0	13.28	0	-	13.28	0	-	13.28	-	-	0.00	0
8	1 - inch meter	0	30.41	0	-	30.41	-	-	30.41	-	-	0.00	0
9	1 1/2 - inch meter	0	60.85	0	-	60.85	-	-	60.85	-	-	0.00	0
10	2 - inch meter	12	97.35	1,168	12	97.35	1,168	12	97.35	1,168	12	0.00	0
11	3 - inch meter	0	182.53	0	-	182.53	-	-	182.53	-	-	0.00	0
12	4 - inch meter	36	304.23	10,973	36	304.23	10,973	36	304.23	10,973	36	0.00	0
13	6 - inch meter	0	608.47	0	-	608.47	-	-	608.47	-	-	0.00	0
14	8 - inch meter	0	973.53	0	-	973.53	-	-	973.53	-	-	0.00	0
15	Total Meters	48		12,141	48		12,141	48		12,141	48		0
16													
17	Volumetric												
18	First 400 Cubic Feet	7	0.202	1	7	0.202	1	7	0.202	1	7	0.00	0
19	Next 6,100 Cubic Feet	10	3.207	31	10	3.207	31	10	3.207	31	10	0.00	0
20	Next 43,800 Cubic Feet	0	2.015	0	0	2.015	-	-	2.015	-	-	0.00	0
21	Next 450,000 Cubic Feet	0	1.506	0	0	1.506	-	-	1.506	-	-	0.00	0
22	Next 1,000,000 Cubic Feet	0	1.151	0	0	1.151	-	-	1.151	-	-	0.00	0
23	All Over 1,500,000 Cubic Feet	0	0.584	0	0	0.584	-	-	0.584	-	-	0.00	0
24	Pt. Oglethorpe	452,871	0.9353	421,458	452,871	0.9353	423,570	452,871	0.9353	423,570	452,871	0.00	0
25	Catoosa Co	29,430	0.9353	27,526	29,430	0.9353	27,526	29,430	0.9353	27,526	29,430	0.00	0
26	Signal Mtn	429,050	0.8977	385,168	429,050	0.8977	385,168	429,050	0.8977	385,168	429,050	0.00	0
27	Walden's Ridge	421,330	1.0672	445,430	421,330	1.0672	445,430	421,330	1.0672	445,430	421,330	0.00	0
28	Chattanooga Amount	1,332,698		1,291,743	1,332,698		1,293,657	1,332,698		1,293,657	1,332,698		0
29													
30	Lookout Mountain												
31	5/8 - inch meter	0	12.21	0	0	12.21	-	-	12.21	-	-	0.00	0
32	3/4 - inch meter	0	18.28	0	0	18.28	-	-	18.28	-	-	0.00	0
33	1 - inch meter	0	30.41	0	0	30.41	-	-	30.41	-	-	0.00	0
34	1 1/2 - inch meter	0	60.85	0	0	60.85	-	-	60.85	-	-	0.00	0
35	2 - inch meter	0	97.35	0	0	97.35	-	-	97.35	-	-	0.00	0
36	3 - inch meter	0	182.53	0	0	182.53	-	-	182.53	-	-	0.00	0
37	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	0.00	0
38	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	0.00	0
39	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	0.00	0
40	Total Meters	0		0	0		-	-		-	-		0
41													
42	Volumetric												
43	First 400 Cubic Feet	0	0.753	0	0	0.753	-	-	0.753	-	-	0.00	0
44	Next 6,100 Cubic Feet	0	4.131	0	0	4.131	-	-	4.131	-	-	0.00	0
45	Next 43,500 Cubic Feet	0	2.939	0	0	2.939	-	-	2.939	-	-	0.00	0
46	Next 450,000 Cubic Feet	0	2.055	0	0	2.055	-	-	2.055	-	-	0.00	0
47	Next 1,000,000 Cubic Feet	0	1.701	0	0	1.701	-	-	1.701	-	-	0.00	0
48	All Over 1,500,000 Cubic Feet	0	1.233	0	0	1.233	-	-	1.233	-	-	0.00	0
49	Lookout Mountain Amount	0		0	0		-	-		-	-		0

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing		Revenues	Billing		Revenues	Billing		Revenues	Billing		Revenues
		Determine	Rate	Determine	Rate	Determine	Rate	Determine	Rate	Determine	Rate	Determine	Rate
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	0	12.21	0	0	0	12.21	-	12.21	-	12.21	-	0.00
7	3/4 - inch meter	0	18.28	0	0	0	18.28	-	18.28	-	18.28	-	0.00
8	1 - inch meter	0	30.41	0	0	0	30.41	-	30.41	-	30.41	-	0.00
9	1 1/2 - inch meter	0	60.85	0	0	0	60.85	-	60.85	-	60.85	-	0.00
10	2 - inch meter	0	97.35	0	0	0	97.35	-	97.35	-	97.35	-	0.00
11	3 - inch meter	0	182.53	0	0	0	182.53	-	182.53	-	182.53	-	0.00
12	4 - inch meter	0	304.23	0	0	0	304.23	-	304.23	-	304.23	-	0.00
13	6 - inch meter	0	608.47	0	0	0	608.47	-	608.47	-	608.47	-	0.00
14	8 - inch meter	0	973.53	0	0	0	973.53	-	973.53	-	973.53	-	0.00
15		0	0	0	0	0	0	-	0	-	0	-	0.00
16	Total Meters	0	0	0	0	0	0	-	0	-	0	-	0.00
17													
18	Volumetric												
19	First 400 Cubic Feet	0	0.372	0	0	0	0.372	-	0.372	-	0.372	-	0.00
20	Next 6,100 Cubic Feet	0	3.536	0	0	0	3.534	-	3.534	-	3.534	-	0.00
21	Next 43,500 Cubic Feet	0	2,244	0	0	0	2,342	-	2,342	-	2,342	-	0.00
22	Next 450,000 Cubic Feet	0	1,604	0	0	0	1,574	-	1,574	-	1,574	-	0.00
23	Next 1,000,000 Cubic Feet	0	1,265	0	0	0	1,320	-	1,320	-	1,320	-	0.00
24	All Over 1,500,000 Cubic Feet	0	0.816	0	0	0	0.852	-	0.852	-	0.852	-	0.00
25	Lakeview Amount	0	0	0	0	0	0	-	0	-	0	-	0.00
26													
27	Total Gross	1,332,698	1,291,743	1,332,698			1,293,857	1,332,698			1,293,857	1,332,698	0
28	Proration adjustment	0	0	0			0	-			0	-	0
29	Less: Correction & Allowances	0	0	0			0	-			0	-	0
30	Net Amount	1,332,698	1,291,743	1,332,698			1,293,857	1,332,698			1,293,857	1,332,698	0
31	Net Amt. Per Revenue Summary	1,332,697	1,291,743	1,332,697			1,293,857	1,332,697			1,293,857	1,332,697	0
32	Difference	1	(0)	1			0	1			(0)	1	0
33	Percent Difference	0.0001%	0.0000%	0.0001%			0.0000%	0.0001%			0.0000%	0.0001%	#DIV/0!

Tennessee Regulatory Authority
Private and Public Fire
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending September 30, 2010
Exhibit No. 4, Schedule 2
Page No. 13 of 13

Line No.	Class/Description	Normalized Year at Present Rates			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues
Private Fire Service										
7	1 - Inch Service	0	\$28.34	\$0	0	\$28.34	\$0	0	0.00	\$0
8	1 1/2 - Inch Service	1	\$63.92	64	1	\$63.92	64	1	0.00	0
9	2 - Inch Service	14	\$113.88	1,592	14	\$113.88	1,592	14	0.00	0
10	2 1/2 - Inch Service	1	\$173.35	173	1	\$173.35	173	1	0.00	0
11	3 - Inch Service	1	\$255.53	256	1	\$255.53	256	1	0.00	0
12	4 - Inch Service	108	\$511.71	55,265	108	\$511.71	55,265	108	0.00	0
13	6 - Inch Service	897	\$1,022.61	917,281	904	\$1,022.61	924,439	904	0.00	0
14	8 - Inch Service	299	\$2,046.96	612,038	299	\$2,046.96	612,038	299	0.00	0
15	10 - Inch Service	15	\$3,070.65	46,060	15	\$3,070.65	46,060	15	0.00	0
16	12 - Inch Service	21	\$4,094.54	86,985	21	\$4,094.54	85,985	21	0.00	0
17	Total Private Fire Service	1,357		1,718,714	1,364		1,725,872	1,364		0
18										
19				1,718,716						
20				(2)						
21										
22										
Public Fire Service										
23	Ridgeside	13	0.00	0	13	0.00	0	13	0.00	0
24	Public Fire	4,976	0.00	0	4,976	0.00	0	4,976	0.00	0
25	Total Public Fire Service	4,989		0	4,989		0	4,989		0
26										
27	Total Private and Public Fire Service Revenues			\$1,718,714			\$1,725,872			\$0
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										

TENNESSEE-AMERICAN WATER COMPANY
RECONCILIATION OF REGULAR METERS AND CONSUMPTION
FOR THE TEST YEAR ENDED SEPTEMBER 30, 2010
RESIDENTIAL CLASS

	<u>Meters</u>	<u>Total Billing Determinates</u>
Chattanooga		
5/8 - inch meter	720,107.66	720,108
3/4 - inch meter	1,082.73	1,083
1 - inch meter	1,932.90	1,933
1 1/2 - inch meter	219.50	219
2 - inch meter	108.13	108
3 - inch meter	1.47	1
4 - inch meter	0.00	0
6 - inch meter	0.00	0
8 - inch meter	0.00	0
Total Meters	723,452.39	723,452
Volumetric		
First 400 Cubic Feet	2,280,214	2,280,214
Next 6,100 Cubic Feet	1,661,747	1,661,747
Next 43,500 Cubic Feet	66,874	66,874
Next 450,000 Cubic Feet	2,745	2,745
Next 1,000,000 Cubic Feet	0	0
All Over 1,500,000 Cubic Feet	0	0
Total Consumption	4,011,579	4,011,579
Lookout Mountain		
5/8 - inch meter	20,756.27	20,756
3/4 - inch meter	512.90	513
1 - inch meter	1,402.60	1,403
1 1/2 - inch meter	24.00	24
2 - inch meter	25.00	25
3 - inch meter	0.00	0
4 - inch meter	0.00	0
6 - inch meter	0.00	0
8 - inch meter	0.00	0
Total Meters	22,721	22,721
Volumetric		
First 400 Cubic Feet	74,416	74,416
Next 6,100 Cubic Feet	142,513	142,513
Next 43,500 Cubic Feet	19,467	19,467
Next 450,000 Cubic Feet	93	93
Next 1,000,000 Cubic Feet	0	0
All Over 1,500,000 Cubic Feet	0	0
Total Consumption	236,489	236,489

Lakeview

5/8 - inch meter	33,249.44	33,249
3/4 - inch meter	0.00	0
1 - inch meter	37.00	37
1 1/2 - inch meter	0.00	0
2 - inch meter	0.00	0
3 - inch meter	0.00	0
4 - inch meter	0.00	0
6 - inch meter	0.00	0
8 - inch meter	0.00	0
Total Meters	33,286	33,286

Volumetric

First	400 Cubic Feet	106,622	106,622
Next	6,100 Cubic Feet	76,719	76,719
Next	43,500 Cubic Feet	627	627
Next	450,000 Cubic Feet	0	0
Next	1,000,000 Cubic Feet	0	0
All Over	1,500,000 Cubic Feet	0	0
Total Consumption		183,968	183,968

Lone Oak

5/8 - inch meter	1,427.23	1,427
3/4 - inch meter	0.00	0
1 - inch meter	0.00	0
1 1/2 - inch meter	0.00	0
2 - inch meter	0.00	0
3 - inch meter	0.00	0
4 - inch meter	0.00	0
6 - inch meter	0.00	0
8 - inch meter	0.00	0
Total Meters	1,427	1,427

Volumetric

First	2.67 (100 CCF)	3,240	3,240
In Excess	2.67 (100 CCF)	4,941	4,941
Total Consumption		8,181	8,181

Suck Creek

5/8 - inch meter	2,529.97	2,530
3/4 - inch meter	0.00	0
1 - inch meter	12.00	12
1 1/2 - inch meter	0	0
2 - inch meter	0	0
3 - inch meter	0	0
4 - inch meter	0	0
6 - inch meter	0	0
8 - inch meter	0	0
Total Meters	2,542	2,542

Volumetric

First	2 (100 CCF)	4,690	4,690
Next	10.67 (100 CCF)	8,990	8,990
All Over	12.67 (100 CCF)	2,007	2,007
Total Consumption		15,687	15,687

TENNESSEE-AMERICAN WATER COMPANY
RECONCILIATION OF REGULAR METERS AND CONSUMPTION
FOR THE TEST YEAR ENDED SEPTEMBER 30, 2010
COMMERCIAL CLASS

	<u>Meters</u>	<u>Total Billing Determinates</u>
Chattanooga		
5/8 - inch meter	61,071	61,071
3/4 - inch meter	1,604	1,604
1 - inch meter	16,830	16,830
1 1/2 - inch meter	4,259	4,259
2 - inch meter	12,708	12,708
3 - inch meter	429	429
4 - inch meter	292	292
6 - inch meter	150	150
8 - inch meter	24	24
Total Meters	97,368	97,368
Volumetric		
First 400 Cubic Feet	258,676	258,676
Next 6,100 Cubic Feet	1,184,452	1,184,452
Next 43,500 Cubic Feet	1,597,211	1,597,211
Next 450,000 Cubic Feet	843,753	843,753
Next 1,000,000 Cubic Feet	10,141	10,141
All Over 1,500,000 Cubic Feet	0	0
Total Consumption	3,894,232	3,894,232
Lookout Mountain		
5/8 - inch meter	624	624
3/4 - inch meter	24	24
1 - inch meter	221	221
1 1/2 - inch meter	38	38
2 - inch meter	96	96
3 - inch meter	0	0
4 - inch meter	0	0
6 - inch meter	0	0
8 - inch meter	0	0
Total Meters	1,003	1,003
Volumetric		
First 400 Cubic Feet	2,760	2,760
Next 6,100 Cubic Feet	15,587	15,587
Next 43,500 Cubic Feet	16,577	16,577
Next 450,000 Cubic Feet	11,996	11,996
Next 1,000,000 Cubic Feet	0	0
All Over 1,500,000 Cubic Feet	0	0
Total Consumption	46,920	46,920
Lakeview		
5/8 - inch meter	1,639	1,639
3/4 - inch meter	0	0
1 - inch meter	216	216
1 1/2 - inch meter	0	0
2 - inch meter	84	84
3 - inch meter	0	0
4 - inch meter	0	0
6 - inch meter	0	0
8 - inch meter	0	0
Total Meters	1,939	1,939
Volumetric		
First 400 Cubic Feet	4,943	4,943
Next 6,100 Cubic Feet	11,976	11,976
Next 43,500 Cubic Feet	6,827	6,827
Next 450,000 Cubic Feet	240	240
Next 1,000,000 Cubic Feet	0	0
All Over 1,500,000 Cubic Feet	0	0
Total Consumption	23,986	23,986

Lone Oak

5/8 - inch meter	29	29
3/4 - inch meter	0	0
1 - inch meter	0	0
1 1/2 - inch meter	0	0
2 - inch meter	0	0
3 - inch meter	0	0
4 - inch meter	0	0
6 - inch meter	0	0
8 - inch meter	0	0
Total Meters	29	29

Volumetric

First	2.67 (100 CCF)	16	16
In Excess	2.67 (100 CCF)	2	2
Total Consumption		18	18

Suck Creek

5/8 - inch meter	48	48
3/4 - inch meter	0	0
1 - inch meter	0	0
1 1/2 - inch meter	0	0
2 - inch meter	0	0
3 - inch meter	0	0
4 - inch meter	0	0
6 - inch meter	0	0
8 - inch meter	0	0
Total Meters	48	48

Volumetric

First	2 (100 CCF)	27	27
Next	10.67 (100 CCF)	23	23
All Over	12.67 (100 CCF)	48	48
Total Consumption		98	98

TENNESSEE-AMERICAN WATER COMPANY
RECONCILIATION OF REGULAR METERS AND CONSUMPTION
FOR THE TEST YEAR ENDED SEPTEMBER 30, 2010
INDUSTRIAL CLASS

		Total Billing	
		<u>Meters</u>	<u>Determinates</u>
Chattanooga			
5/8 - inch meter		264	264
3/4 - inch meter		24	24
1 - inch meter		263	263
1 1/2 - inch meter		72	72
2 - inch meter		985	985
3 - inch meter		0	0
4 - inch meter		204	204
6 - inch meter		60	60
8 - inch meter		0	0
Total Meters		1,874	1,874
Volumetric			
First	400 Cubic Feet	4,927	4,927
Next	6,100 Cubic Feet	49,783	49,783
Next	43,500 Cubic Feet	230,927	230,927
Next	450,000 Cubic Feet	872,926	872,926
Next	1,000,000 Cubic Feet	729,312	729,312
All Over	1,500,000 Cubic Feet	775,046	775,046
Total Consumption		2,662,922	2,662,922
Lookout Mountain			
5/8 - inch meter		0	0
3/4 - inch meter		0	0
1 - inch meter		0	0
1 1/2 - inch meter		0	0
2 - inch meter		0	0
3 - inch meter		0	0
4 - inch meter		0	0
6 - inch meter		0	0
8 - inch meter		0	0
Total Meters		0	0
Volumetric			
First	400 Cubic Feet	0	0
Next	6,100 Cubic Feet	0	0
Next	43,500 Cubic Feet	0	0
Next	450,000 Cubic Feet	0	0
Next	1,000,000 Cubic Feet	0	0
All Over	1,500,000 Cubic Feet	0	0
Total Consumption		0	0
Lakeview			
5/8 - inch meter		0	0
3/4 - inch meter		0	0
1 - inch meter		0	0
1 1/2 - inch meter		0	0
2 - inch meter		0	0
3 - inch meter		0	0
4 - inch meter		0	0
6 - inch meter		0	0
8 - inch meter		0	0
Total Meters		0	0
Volumetric			
First	400 Cubic Feet	0	0
Next	6,100 Cubic Feet	0	0
Next	43,500 Cubic Feet	0	0
Next	450,000 Cubic Feet	0	0
Next	1,000,000 Cubic Feet	0	0
All Over	1,500,000 Cubic Feet	0	0
Total Consumption		0	0

TENNESSEE-AMERICAN WATER COMPANY
RECONCILIATION OF REGULAR METERS AND CONSUMPTION
FOR THE TEST YEAR ENDED SEPTEMBER 30, 2010
OTHER PUBLIC AUTHORITY CLASS

		Total Billing
	<u>Meters</u>	<u>Determinates</u>
Chattanooga		
5/8 - inch meter	2,032	2,032
3/4 - inch meter	144	144
1 - inch meter	1,534	1,534
1 1/2 - inch meter	821	821
2 - inch meter	3,478	3,478
3 - inch meter	89	89
4 - inch meter	252	252
6 - inch meter	36	36
8 - inch meter	0	0
Total Meters	8,387	8,387
Volumetric		
First 400 Cubic Feet	21,043	21,043
Next 6,100 Cubic Feet	158,094	158,094
Next 43,500 Cubic Feet	344,047	344,047
Next 450,000 Cubic Feet	481,224	481,224
Next 1,000,000 Cubic Feet	62,497	62,497
All Over 1,500,000 Cubic Feet	0	0
Total Consumption	1,066,905	1,066,905
Lookout Mountain		
5/8 - inch meter	164	164
3/4 - inch meter	16	16
1 - inch meter	132	132
1 1/2 - inch meter	12	12
2 - inch meter	72	72
3 - inch meter	0	0
4 - inch meter	0	0
6 - inch meter	0	0
8 - inch meter	0	0
Total Meters	397	397
Volumetric		
First 400 Cubic Feet	892	892
Next 6,100 Cubic Feet	5,160	5,160
Next 43,500 Cubic Feet	2,476	2,476
Next 450,000 Cubic Feet	648	648
Next 1,000,000 Cubic Feet	0	0
All Over 1,500,000 Cubic Feet	0	0
Total Consumption	9,176	9,176
Lakeview		
5/8 - inch meter	60	60
3/4 - inch meter	0	0
1 - inch meter	12	12
1 1/2 - inch meter	12	12
2 - inch meter	24	24
3 - inch meter	0	0
4 - inch meter	0	0
6 - inch meter	0	0
8 - inch meter	0	0
Total Meters	108	108
Volumetric		
First 400 Cubic Feet	178	178
Next 6,100 Cubic Feet	1,728	1,728
Next 43,500 Cubic Feet	1,023	1,023
Next 450,000 Cubic Feet	0	0
Next 1,000,000 Cubic Feet	0	0
All Over 1,500,000 Cubic Feet	0	0
Total Consumption	2,929	2,929

TENNESSEE-AMERICAN WATER COMPANY
RECONCILIATION OF REGULAR METERS AND CONSUMPTION
FOR THE TEST YEAR ENDED SEPTEMBER 30, 2010
OTHER WATER UTILITY CLASS

	<u>Meters</u>	Signal Mtn., Ft. Oglethorp., <u>Catoosa Util.</u>
Chattanooga		
5/8 - inch meter	0	
3/4 - inch meter	0	
1 - inch meter	0	
1 1/2 - inch meter	0	
2 - inch meter	12	
3 - inch meter	0	
4 - inch meter	36	
6 - inch meter	0	
8 - inch meter	0	
Total Meters	<u>48</u>	<u>0</u>
Volumetric		
First 400 Cubic Feet	7	
Next 6,100 Cubic Feet	10	
Next 43,500 Cubic Feet	0	
Next 450,000 Cubic Feet	0	
Next 1,000,000 Cubic Feet	0	
All Over 1,500,000 Cubic Feet	0	
Ft. Oglethorpe		452,871
Catoosa Co		29,430
Signal Mt		429,050
Walden's Ridge		<u>421,330</u>
Total Consumption	<u>17</u>	<u>1,332,681</u>

Lookout Mountain

5/8 - inch meter	0	
3/4 - inch meter	0	
1 - inch meter	0	
1 1/2 - inch meter	0	
2 - inch meter	0	
3 - inch meter	0	
4 - inch meter	0	
6 - inch meter	0	
8 - inch meter	0	
Total Meters	0	0

Volumetric

First	400 Cubic Feet	0	
Next	6,100 Cubic Feet	0	
Next	43,500 Cubic Feet	0	
Next	450,000 Cubic Feet	0	
Next	1,000,000 Cubic Feet	0	
All Over	1,500,000 Cubic Feet	0	
Total Consumption		0	0

Lakeview

5/8 - inch meter	0	
3/4 - inch meter	0	
1 - inch meter	0	
1 1/2 - inch meter	0	
2 - inch meter	0	
3 - inch meter	0	
4 - inch meter	0	
6 - inch meter	0	
8 - inch meter	0	
Total Meters	0	0

Volumetric

First	400 Cubic Feet	0	
Next	6,100 Cubic Feet	0	
Next	43,500 Cubic Feet	0	
Next	450,000 Cubic Feet	0	
Next	1,000,000 Cubic Feet	0	
All Over	1,500,000 Cubic Feet	0	
Total Consumption		0	0

TENNESSEE-AMERICAN WATER COMPANY
ANNUALIZATION OF YEAR-END CUSTOMERS
FOR THE YEAR ENDED MARCH 31, 2010

	Residential			Commercial			Other Public Authority			Total	
	Chattanooga	Lookout Mtn.	Lakeview	Total	Chattanooga	Lookout Mtn.	Lakeview	Chattanooga	Lookout Mtn.		Lakeview
September 2009	59,595	1,914	2,795	64,304	7,958	91	162	8,211	631	32	672
October 2009	59,447	1,903	2,789	64,139	7,946	90	162	8,198	631	33	673
November 2009	59,430	1,892	2,777	64,099	7,925	85	162	8,172	631	32	672
December 2009	59,318	1,895	2,776	63,989	7,884	80	162	8,126	630	34	673
January 2010	59,266	1,877	2,779	63,921	7,881	78	161	8,120	634	33	676
February 2010	59,318	1,879	2,784	63,981	7,848	78	165	8,091	635	33	677
March 2010	59,496	1,875	2,760	64,131	7,850	78	163	8,091	637	33	679
April 2010	59,700	1,890	2,769	64,359	7,874	77	162	8,113	639	33	681
May 2010	59,741	1,897	2,762	64,400	7,880	83	158	8,121	638	33	680
June 2010	59,899	1,901	2,774	64,574	7,885	87	162	8,134	636	33	678
July 2010	60,041	1,892	2,775	64,709	7,884	87	158	8,129	637	33	679
August 2010	60,059	1,909	2,780	64,748	7,887	91	161	8,139	638	33	680
September 2010	60,124	1,910	2,762	64,795	7,892	89	162	8,143	637	33	679
Thirteen Month Average	59,649	1,895	2,776	64,320	7,892	84	162	8,138	635	33	677

Additional Customers	73,617										
Difference Between the Customers at the											
End of the Calendar Year and the											
Thirteen Month Average	475	15	(14)	475	0	5	(0)	5	2	0	2

TENNESSEE-AMERICAN WATER COMPANY
ANNUALIZATION OF YEAR-END CUSTOMERS
FOR THE YEAR ENDED NOVEMBER 30, 2007

	Residential		
	Chattanooga	Lookout Mtn.	Lakeview
Additional Customers Added	475	15	(14)
6/8-inch meter	5,694	178	(172)
Avg. Usage Per Month Per Customer	5.5	10.4	5.5
First 400 cubic feet	22,776	712	(688)
Next 6,100 cubic feet	8,541	1,139	(258)
Next 43,500 cubic feet			
Next 450,000 cubic feet			
Next 1,000,000 Cubic Feet			
All Over 1,500,000 Cubic Feet			
Total Consumption	31,317	1,851	(946)
Revenues Generated	93,942	7,415	(3,268)

	31,317	1,851	(946)	32,222
	93,942	7,415	(3,268)	98,089

	Commercial		
	Chattanooga	Lookout Mtn.	Lakeview
Additional Customers Added	0	5	(0)
1 -inch meter	2	60	(3)
Avg. Usage Per Month Per Customer	40.0	46.8	12.4
First 400 cubic feet	8	240	(12)
Next 6,100 cubic feet	72	2,568	(26)
Next 43,500 cubic feet			
Next 450,000 cubic feet			
Next 1,000,000 Cubic Feet			
All Over 1,500,000 Cubic Feet			
Total Consumption	80	2,808	(37)
Revenues Generated Commercial	292	12,534	(183)

	80	2,808	(37)	2,851
	292	12,534	(183)	12,643

Next 1,000,000 Cubic Feet
All Over 1,500,000 Cubic Feet
Total Consumption

31,317	1,851	(946)	32,222

Additional Customers Added
1-inch meter

Other Public Authority			
Chattanooga	Lookout Mtn.	Lakeview	Total
2	0	0	2
22	0	0	22

Avg. Usage Per Month Per Customer

127.2	23.1	27.1	
88	0	0	88
1,342	0	0	1,342
1,368			1,368

First 400 cubic feet
Next 6,100 cubic feet
Next 43,500 cubic feet
Next 450,000 cubic feet
Next 1,000,000 Cubic Feet
All Over 1,500,000 Cubic Feet
Total Consumption

2,798	0	0	2,798

Revenues Generated OPA

7,747	0	0	7,747

Total Revenues Generated

101,981	19,949	(3,451)	118,479

TENNESSEE-AMERICAN WATER COMPANY
ADDITIONAL CUSTOMERS ADDED THROUGH THE ATTRITION YEAR
2010 RATE FILING

	Residential	Commercial	Industrial	Other Public Authority	Other Water Utility	Total Customers	Multiplier	Additional Bills
September 30, 2010	64,795	8,143	115	679	8	73,740	12	0
	0	0	0	0	0	0	12	0
	0	0	0	0	0	0	12	0
	0	0	0	0	0	0	12	0
	0	0	0	0	0	0	12	0
	0	0	0	0	0	0	12	0
	0	0	0	0	0	0	12	0
	0	0	0	0	0	0	12	0
October 31, 2010	26	5	5	31	31	31	12	372
November 30, 2010	26	5	5	31	31	31	12	372
December 31, 2010	26	5	5	31	31	31	12	372
January 31, 2011	26	5	5	31	31	31	12	372
February 28, 2011	26	5	5	31	31	31	11	341
March 31, 2011	26	5	5	31	31	31	10	310
April 30, 2011	26	5	5	31	31	31	9	279
May 31, 2011	26	5	5	31	31	31	8	248
June 30, 2011	26	5	5	31	31	31	7	217
July 31, 2011	26	5	5	31	31	31	6	186
August 31, 2011	26	5	5	31	31	31	5	155
September 30, 2011	26	5	5	31	31	31	4	124
October 31, 2011	26	5	5	31	31	31	3	93
November 30, 2011	26	5	5	26	26	31	2	62
December 31, 2011	26	5	5	26	26	31	1	31
Total Customers at the End of the Attrition Year	65,185	8,218	115	679	8	74,205		3,534
Customer Bills Added by Area Served	2,964	570	0	0	0	3,503		
Customer Bills Added by Area Served								
Chattanooga	2,749	553	0	0	0	3,302		
Lookout Mtn.	87	6				93		
Lakeview	128	11				139		
	2,964	570	0	0	0	3,534		
Consumption Added by Area Served								
Chattanooga	15,120	22,120		0		37,240		
Lookout Mtn.	905	281				1,186		
Lakeview	704	136				840		
	16,729	22,537		0		39,266		

TENNESSEE-AMERICAN WATER COMPANY
ADDITIONAL CUSTOMERS ADDED THROUGH THE ATTRITION YEAR
2008 RATE FILING

	Residential		
	Chattanooga	Lookout Mtn.	Lakeview
Additional Customers Added	2,749	87	128
5/8-inch meter	2,749	87	128
Avg. Usage Per Month Per Customer	5.5	10.4	5.5
First 400 cubic feet	10,996	348	512
Next 6,100 cubic feet	4,124	557	192
Next 43,500 cubic feet			
Next 450,000 cubic feet			
Next 1,000,000 Cubic Feet			
All Over 1,500,000 Cubic Feet			
Total Consumption	15,120	905	704
Revenues Generated	45,356	3,625	2,432
			51,413

	Commercial		
	Chattanooga	Lookout Mtn.	Lakeview
Additional Customers Added	553	6	11
1 -inch meter	553	6	11
Avg. Usage Per Month Per Customer	40.0	46.8	12.4
First 400 cubic feet	2,212	24	44
Next 6,100 cubic feet	19,908	257	92
Next 43,500 cubic feet			
Next 450,000 cubic feet			
Next 1,000,000 Cubic Feet			
All Over 1,500,000 Cubic Feet			
Total Consumption	22,120	281	136
Revenues Generated Commercial	80,603	1,254	672
			82,529

**TENNESSEE-AMERICAN
OTHER REVENUES**

SEWER BILLING

	<u>Customers added</u>		<u>Attrition</u>	<u>Amt Per Class</u>
	<u>Normalized</u>	<u>Amt Per Class</u>		
Total Residential Class	5,700	2,309	2,964	1,200
Total Commercial Class	59	24	570	231
Total Industrial Class	0	-	0	-
Total Other Public Authority	22	9	0	-
Total Other Water Utility Class	0	-	0	-
total number of customers	5,781		3,534	
	0.405		0.405	
Times \$.405	<u>2,341</u>	<u>2,341</u>	<u>1,431</u>	<u>1,431</u>

LATE PAYMENT PENALTIES

@ 3/31/10

Late Payment Penalty	308,601
Divided Total Sales of Water	36,363,976
Late payment adjustment ratio	0.008486448

	Test Year	Adjustments	Attrition Year or Proposed
	<u>Adjustments</u>	<u>Present Rates</u>	
Total Sales of Water			
Exhibit No. 2, Schedule 2	(398,101)	227,638	-
Ratio	0.008486448	0.00848645	0
Times ratio	<u>(3,378)</u>	<u>1,932</u>	-

<u>bills added</u>	<u>Test Year</u>	<u>Normalized</u>		<u>Attrition</u>	
Chattanooga	723,452	5694	729,146	2749	731,895
Lookout Mountain	22,721	178	22,899	87	22,986
Lakeview	33,286	-172	33,114	128	33,242
Lone Oak	1,427	0	1,427	0	1,427
Suck Creek	2,542	0	2,542	0	2,542
Total Residential Class		5700		2964	
Chattanooga	97,368	2	97,370	553	97,923
Lookout Mountain	1,003	60	1,063	6	1,069
Lakeview	1,939	-3	1,936	11	1,947
Lone Oak	29	0	29	0	29
Suck Creek	48	0	48	0	48
Total Commercial Class		59		570	
Chattanooga	1,874	0	1,874	-	1,874
Lookout Mountain	0	0	0	0	0
Lakeview	0	0	0	0	0
Total Industrial Class		0		0	
Chattanooga	8,387	22	8,409	0	8,409
Lookout Mountain	397	0	397	0	397
Lakeview	108	0	108	0	108
Total Other Public Authority		22		0	
Chattanooga	48	0	48	0	48
Lookout Mountain	0	0	0	0	0
Lakeview	0	0	0	0	0
Total Other Water Utility Class		0		0	

Tennessee-American Water Company
Summary of Weather Normalization Adjustment

		1,000 Gallons
Residential Customers	-121,270	0.13593
Commercial Customers	-50,271	0.98964

Refer to Workpapers for calculation.

Chattanooga	Residential		Usage	Rate	Adjustment	
	Next	6,100 Cubic Feet	(109,765)	3.207	(352,016)	
Lookout Mtn	Next	6,100 Cubic Feet	(6,471)	4.131	(26,732)	
Lakeview	Next	6,100 Cubic Feet	(5,034)	3.534	(17,790)	
			(121,270)		(396,538)	
Chattanooga	Commercial					
	Next	43,500 Cubic Feet	(49,372)	2.003	(98,892)	
Lookout Mtn	Next	43,500 Cubic Feet	(595)	2.921	(1,738)	
Lakeview	Next	43,500 Cubic Feet	(304)	2.328	(708)	
			(50,271)		(101,338)	(497,876)

Misc Adjustments
12 months ending 9/30/10

Annualize revenues for commercial rate decrease
Annualize Ft Oglethorpe for rate increase 11/1/09

Revenues
\$ (42.28)
2,114.52

	9-Oct	9-Nov	Total
Fort Oglethorpe			
usage at old rate	38,523	15418.8	53,941.80
prior rate	0.8961		
rate adj 11/1/09	0.9353		0.0392
			<u>2,114.52</u>

TENNESSEE-AMERICAN WATER COMPANY
RECONCILIATION OF RATE STUDIES
FOR TWELVE MONTHS ENDED MARCH 31, 2010

	Residential	Commercial	Industrial	Other Public Authority	Other Water Utility	Miscellaneous	Private Fire Service	Public Fire Service	Total
October 2009									
Gross Revenues	1,229,753.80	960,605.00	286,315.31	225,047.17	101,981.08	182.93	143,705.85	0.00	2,947,871.14
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Revenues	1,229,753.80	960,605.00	286,315.31	225,047.17	101,981.08	182.93	143,705.85	0.00	2,947,871.14
Gross Consumption	281,622	246,289	160,446	69,199	80,396				817,952
Less: Corrections & Allowances	-	-	-	-	-	0	0	0	0
Net Consumption	281,622	246,289	160,446	69,199	80,396	0	0	0	817,952
November 2009									
Gross Revenues	1,102,213.51	832,356.13	286,490.63	196,566.89	95,480.10	0.00	143,827.14	0.00	2,656,934.40
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Revenues	1,102,213.51	832,356.13	286,490.63	196,566.89	95,480.10	0.00	143,827.14	0.00	2,656,934.40
Gross Consumption	230,437	210,562	162,521	58,561	74,227				736,307
Less: Corrections & Allowances	-	-	-	-	-	0	0	0	0
Net Consumption	230,437	210,562	162,521	58,561	74,227	0	0	0	736,307
December 2009									
Gross Revenues	1,301,579.13	961,121.29	267,771.34	201,764.52	88,356.62	0.00	142,430.70		2,963,023.60
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Net Revenues	1,301,579.13	961,121.29	267,771.34	201,764.52	88,356.62	0.00	142,430.70		2,963,023.60
Gross Consumption	270,568	239,967	146,905	58,506	68,195				784,141
Less: Corrections & Allowances	-	-	-	-	-	0	0	0	0
Net Consumption	270,568	239,967	146,905	58,506	68,195	0	0	0	784,141
January 2010									
Gross Revenues	1,238,769.07	919,279.25	270,589.13	186,141.09	108,773.42	33.72	142,181.01		2,865,766.69
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Net Revenues	1,238,769.07	919,279.25	270,589.13	186,141.09	108,773.42	33.72	142,181.01		2,865,766.69
Gross Consumption	260,656	237,009	148,972	54,352	83,800				784,789
Less: Corrections & Allowances	-	-	-	-	-	0	0	0	0
Net Consumption	260,656	237,009	148,972	54,352	83,800	0	0	0	784,789

TENNESSEE-AMERICAN WATER COMPANY
RECONCILIATION OF RATE STUDIES
FOR TWELVE MONTHS ENDED MARCH 31, 2010

	Residential	Commercial	Industrial	Other Public Authority	Other Water Utility	Miscellaneous	Private Fire Service	Public Fire Service	Total
February 2010									
Gross Revenues	1,123,424.71	826,353.48	272,267.58	174,801.82	97,992.75	0.00	139,810.55	(40.00)	2,834,510.89
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Revenues	1,123,424.71	826,353.48	272,267.58	174,801.82	97,992.75	0.00	139,810.55	(40.00)	2,834,510.89
Gross Consumption	233,452	211,545	149,749	48,136	75,338				719,219
Less: Corrections & Allowances	-	-	-	-	-	0	0	0	0
Net Consumption	233,452	211,545	149,749	48,136	75,338	0	0	0	719,219
March 2010									
Gross Revenues	1,195,231.06	887,902.50	277,196.68	199,147.62	90,866.84	6.35	136,886.31		2,787,337.36
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Revenues	1,195,231.06	887,902.50	277,196.68	199,147.62	90,866.84	6.35	136,886.31	0.00	2,787,337.36
Gross Consumption	244,096	219,410	153,296	57,955	70,085				744,842
Less: Corrections & Allowances	-	-	-	-	-	0	0	0	0
Net Consumption	244,096	219,410	153,296	57,955	70,085	0	0	0	744,842
April 2010									
Gross Revenues	1,204,780.99	914,147.74	299,302.93	210,811.63	98,604.94	0.00	146,342.17		2,873,990.40
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Revenues	1,204,780.99	914,147.74	299,302.93	210,811.63	98,604.94	0.00	146,342.17	0.00	2,873,990.40
Gross Consumption	254,048	235,887	171,995	64,115	76,335				802,360
Less: Corrections & Allowances	-	-	-	-	-	0	0	0	0
Net Consumption	254,048	235,887	171,995	64,115	76,335	0	0	0	802,360
May 2010									
Gross Revenues	1,223,359.50	907,869.22	300,390.97	207,361.35	101,241.37	20.00	144,603.06		2,884,935.47
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Revenues	1,223,359.50	907,869.22	300,390.97	207,361.35	101,241.37	20.00	144,603.06	0.00	2,884,935.47
Gross Consumption	258,888	233,455	173,359	62,769	78,201				806,670
Less: Corrections & Allowances	-	-	-	-	-	0	0	0	0
Net Consumption	258,888	233,455	173,359	62,769	78,201	0	0	0	806,670

TENNESSEE-AMERICAN WATER COMPANY
 RECONCILIATION OF RATE STUDIES
 FOR TWELVE MONTHS ENDED MARCH 31, 2010

	Residential	Commercial	Industrial	Other Public Authority	Other Water Utility	Miscellaneous	Private Fire Service	Public Fire Service	Total
June 2010									
Gross Revenues	1,437,902.31	1,030,245.30	300,914.32	243,616.68	109,604.40	0.00	142,086.09		3,264,378.10
Less: Corrections & Allowances	0.00	0.00	0.00	0.00					0.00
Net Revenues	1,437,902.31	1,030,245.30	300,914.32	243,616.68	109,604.40	0.00	142,086.09	0.00	3,264,378.10
Gross Consumption	308,447	265,513	172,486	78,062	84,256				908,764
Less: Corrections & Allowances	-	-	-	-	-				0
Net Consumption	308,447	265,513	172,486	78,062	84,256	0	0	0	908,764
July 2010									
Gross Revenues	1,542,936.75	1,083,733.39	314,023.86	254,776.66	133,142.64	40.00	146,026.44	0.00	3,474,679.84
Less: Corrections & Allowances	0.00	0.00	0.00	0.00					0.00
Net Revenues	1,542,936.75	1,083,733.39	314,023.86	254,776.66	133,142.64	40.00	146,026.44	0.00	3,474,679.84
Gross Consumption	335,528	288,194	181,821	83,372	103,200				992,115
Less: Corrections & Allowances	-	-	-	-	-				0
Net Consumption	335,528	288,194	181,821	83,372	103,200	0	0	0	992,115
August 2010									
Gross Revenues	1,504,292.55	1,088,529.14	315,352.27	263,956.86	127,902.54	17.98	145,799.23	0.00	3,455,850.57
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00				0.00
Net Revenues	1,504,292.55	1,088,529.14	315,352.27	263,956.86	127,902.54	17.98	145,799.23	0.00	3,455,850.57
Gross Consumption	325,094	292,679	181,953	87,062	98,935				985,722
Less: Corrections & Allowances	-	-	-	-	-				0
Net Consumption	325,094	292,679	181,953	87,062	98,935	0	0	0	985,722
September 2010									
Gross Revenues	1,546,348.86	1,096,255.84	329,842.58	266,740.64	137,716.19	20.00	145,008.75		3,523,932.86
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00				0.00
Net Revenues	1,546,348.86	1,096,255.84	329,842.58	266,740.64	137,716.19	20.00	145,008.75	0.00	3,523,932.86
Gross Consumption	338,107	302,411	193,684	85,443	106,556				1,026,199
Less: Corrections & Allowances	-	-	-	-	-				0
Net Consumption	338,107	302,411	193,684	85,443	106,556	0	0	0	1,026,199

TENNESSEE-AMERICAN WATER COMPANY
 RECONCILIATION OF RATE STUDIES
 FOR TWELVE MONTHS ENDED MARCH 31, 2010

	Residential	Commercial	Industrial	Other Public Authority	Other Water Utility	Miscellaneous	Private Fire Service	Public Fire Service	Total
Twelve Months Ended September 30, 2010									
Gross Revenues	15,652,592.24	11,518,398.28	3,520,457.70	2,630,722.93	1,291,742.89	320.98	1,718,716.30	(40.00)	36,332,911.32
Less: Corrections & Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Revenues	15,652,592.24	11,518,398.28	3,520,457.70	2,630,722.93	1,291,742.89	320.98	1,718,716.30	(40.00)	36,332,911.32
Gross Consumption	3,320,939	2,982,921	1,997,186	808,532	989,523	0	0	0	10,109,099
Less: Corrections & Allowances	0	0	0	0	0	0	0	0	0
Net Consumption	3,320,939	2,982,921	1,997,186	808,532	989,523	0	0	0	10,109,099

Revenue Adjustments

Test Year: Twelve Months Ended: September 30, 2010
Page 1 of 1

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

[illegible]

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**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

13. Provide the billing determinates by customer class, by location for all normalization adjustments, corrections, and allowances for the test year ended March 2010 as shown on Exhibit No. 2, Schedule 1, Page 1 of 1, Line 1 in the amount of \$506,902. (Ms. Sheila Miller, Direct Testimony, Page 6, Lines 12-23). Include in your response the business reasons for each normalization adjustment, correction, and allowance.

Response:

Please refer to the information provided in response to question CAPD-01-PART III-Q15 which includes the billing determinants and details for all normalization adjustments, corrections, and allowances. The information is also provided in excel format on the enclosed CD in a folder labeled as CAPD-01-PART III-Q15.

The normalization adjustments and corrections include the weather normalization adjustment to the residential and commercial customer classification as proposed by Dr. Edward Spitznagel; annualizing the commercial rate decrease that became effective September 12, 2009; and annualizing the rate increase for the rate for resale customers that became effective during the historical test year which include Walden's Ridge, effective June 1, 2009; Town of Signal Mountain, effective July 1, 2009; and Fort Oglethorpe, effective November 1, 2009. The Company also eliminated the unbilled adjustment because the bill analysis included billing determinants for a full twelve months of revenue and usage. During the historical test year an error occurred in billing a commercial customer related to construction of an apartment facility. The billing was applied to the correct customer but the credit was not applied for the original billing until after the test period. An adjustment was made to reflect that correction.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

14. Provide the number of meters by meter type, by customer class, by location and the volume usage by usage rate schedule, by customer class, by location for the years ended December 31, 2005-2009 and the twelve months ended September 30, 2010. Include in your response all ORCOM billing records in excel format for the applicable time periods.

Response:

The information for 2007 through 2009 was provided in response to TN-TRA-01-Q20. The billing determinants for 2005, 2006, and through September 30, 2010 are being provided in Excel format and included on the enclosed CD in the folder labeled as TN-CAPD-01-PART III-Q14.

This file has been produced in native format.:

Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-01_ATTACHMENT01.XLS

This file has been produced in native format.:

Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-02_ATTACHMENT02.XLS

This file has been produced in native format.:

Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-03_ATTACHMENT03.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-04_ATTACHMENT04.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-05_ATTACHMENT05.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-06_ATTACHMENT06.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-07_ATTACHMENT07.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-08_ATTACHMENT08.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-09_ATTACHMENT09.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-10_ATTACHMENT10.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-11_ATTACHMENT11.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_05-12_ATTACHMENT12.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_06-01_ATTACHMENT13.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_06-02_ATTACHMENT14.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_ Bill Analysis_06-03_ATTACHMENT15.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-04_ATTACHMENT16.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-05_ATTACHMENT17.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-06_ATTACHMENT18.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-07_ATTACHMENT19.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-08_ATTACHMENT20.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-09_ATTACHMENT21.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-10_ATTACHMENT22.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-11_ATTACHMENT23.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_06-12_ATTACHMENT24.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-01_ATTACHMENT25.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-02_ATTACHMENT26.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-03_ATTACHMENT27.XLS

This file has been produced in native format.:

Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-04_ATTACHMENT28.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-05_ATTACHMENT29.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-06_ATTACHMENT30.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-07_ATTACHMENT31.XLS

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Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-08_ATTACHMENT32.XLS

This file has been produced in native format.:

Name: TN-CAPD-01-PART III-Q14_TN Orcom_Bill Analysis_10-09_ATTACHMENT33.XLS

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

15. Provide a “mapping” (mapping means to reconcile or trace the data on the exhibits to its source or supporting calculations in the work papers) of each revenue adjustment of TN-TRA-Q013-REVENUES, on page 2 of 55 to the Company’s Exhibit No. 4, Schedules 1 and 2 by customer class, by location, by test period, and by attrition year at present rates.

Response:

See the attached schedules. Each revenue adjustment is referenced by a summary and includes any applicable attachments which is referenced on the Excel file on the enclosed CD. Please refer to the folder labeled as TN-CAPD-01-PART III-Q15. The Excel file includes a tab for each revenue adjustment and details the individual calculations to arrive at the normalized and attrition year adjustments.

The attached schedules are also included on the CD and labeled as follows:

TN-CAPD-01-PART III-Q15-REVENUE SUMMARY.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT RECAP.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 1.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 1-ATTACHMENT 1.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 2.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 2-ATTACHMENT 2.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 2-ATTACHMENT 3.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 3.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 3-ATTACHMENT 4.PDF

TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 4.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 4-ATTACHMENT 5.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 5.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 5-ATTACHMENT 6.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 6.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 6-ATTACHMENT 7.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 7.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 8.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 8-ATTACHMENT 8.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 9.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 9-ATTACHMENT 9.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 10.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 10-ATTACHMENT 10.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 10-ATTACHMENT 11.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 17.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 17-ATTACHMENT 12.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 18.PDF
TN- CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 19.PDF

Test Year: Twelve Months Ended: March 31, 2010
Page 1 of 1[illegible]

This file has been produced in native format.:

Name: TN-CAPD-01-PART III-Q15_Revenue Adjustment.xls

Operating Revenues Per Books for the Test Year and
for the Attrition Year under both Present and Proposed Rates

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

Test Year: Twelve Months Ended: March 31, 2010
Exhibit No. 2, Schedule 2
Page 1 of 1

Line No.	Description	Per Books 12 Months Ended 3/31/10	Test Year Adjustments Present Rates	Normalized Test Year	Attrition Year Adjustments	Attrition Year at Present Rates	Adjustments for Proposed Rates	Attrition Year at Proposed Rates
1	Sales of Water							
2								
3	Metered Sales to General Customers							
4								
5	Residential	\$15,613,436	(\$453,784)	\$15,159,652	\$83,545	\$15,243,197	\$4,220,880	\$19,464,077
6								
7	Commercial	11,512,840	(109,816)	11,403,023	131,323	11,534,346	\$3,214,388	14,748,734
8								
9	Industrial	3,400,242	1,722	3,401,964	0	3,401,964	\$940,828	4,342,792
10								
11	Other Public Authorities	2,556,475	(222)	2,556,253	0	2,556,253	\$678,596	3,234,849
12								
13	Sales for Resale	1,248,931	59,562	1,308,493	0	1,308,493	\$362,033	1,670,526
14								
15	Private Fire Service	1,721,772	0	1,721,772	13,294	1,735,066	479,784	2,214,850
16								
17	Miscellaneous	0	0	0	0	0	0	0
18								
19	Total Sales of Water	36,053,895	(502,537)	35,551,158	228,162	35,779,320	9,896,509	45,675,829
20								
21								
22	Other Operating Revenues							
23								
24	Activity / New Service Fees	267,248	0	267,248	0	267,248	0	267,248
25								
26	Late Payment Penalty	317,926	(4,431)	313,495	2,012	315,507	87,269	402,776
27								
28	Rents from Water Property	170,861	0	170,861	0	170,861	0	170,861
29								
30	Sewer Billing Revenues	424,667	0	424,667	2,335	427,002	0	427,002
31								
32	Miscellaneous	72,368	66	72,435	0	72,435	0	72,435
33								
34	Reconnection Fee	264,083	0	264,083	0	264,083	0	264,083
35								
36	Total Other Operating Revenues	1,517,153	(4,365)	1,512,788	4,347	1,517,135	87,269	1,604,404
37								
38								
39	Total Operating Revenues	37,570,848	(506,902)	37,063,946	232,509	37,296,455	9,983,778	47,280,233
40								
41								

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 1
Normalized Revenue adjustments:

Annualize Signal Mountain rate increase:

prior rate	0.796
rate adj 7/1/09	0.8977

usage at old rate	Usage at old rate*	Difference in rate	Add'l revenues
April 2009	31,787	0.1017	3,232.74
May 2009	37,168	0.1017	3,779.99
June 2009	41,001	0.1017	4,169.80
July 2009	10,792	0.1017	1,097.53
			12,280.05

***See attachment 1**

EXTENSION OF WATER PURCHASE AGREEMENT

THIS EXTENSION OF WATER PURCHASE AGREEMENT, made effective as of July 1, 2009, by and between Tennessee American Water ("Tennessee American"), located at 1101 Broad Street, Chattanooga, Tennessee, and Town of Signal Mountain ("Signal Mountain"), whose address is 1111 Ridgeway Avenue, Signal Mountain, Tennessee,

WHEREAS, the parties hereto have agreed to extend the term of their Water Purchase Agreement dated July 1, 1997 ("Original Agreement") as amended and extended by agreement dated as being effective July 1, 2000 ("First Extension Agreement"), agreement dated as being effective July 1, 2003 ("Second Extension Agreement"), and agreement dated as being effective July 1, 2006 ("Third Extension Agreement"), copies of which are attached hereto and incorporated herein by reference, for an additional term of eighteen (18) months as provided herein,

NOW THEREFORE, in consideration of the mutual covenants and promises herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Except as specifically provided herein, all of the terms, conditions, privileges and obligations in the Original Agreement, as amended and extended by the First, Second and Third Extension Agreements are hereby extended for a term of eighteen (18) months (or eighteen (18) monthly billing periods), beginning July 1, 2009 and ending December 31, 2010.
2. Effective July 1, 2009 and continuing through the end of the term hereof, Section 1 of the Original Agreement, as amended and extended by the First, Second, and Third Extension Agreements, is hereby amended to state that Signal Mountain will purchase water at the rate of exactly \$0.8977 per hundred cubic feet as was determined by order of the Tennessee Regulatory Authority (TRA) in TRA Docket 2008-00039 dated January 13, 2009. Ultimately, the TRA will have final authority regarding the rates charged under this agreement.
3. This Extension of Water Purchase Agreement is subject to the approval by the Board of Tennessee American Water and the Tennessee Regulatory Authority ("TRA"). Signal Mountain agrees to take such action reasonably necessary to support Tennessee American's application for approval from the TRA.

IN WITNESS WHEREOF, the parties have set forth their hands.

TOWN OF SIGNAL MOUNTAIN

By Hanna Rogers

Title: Town Manager

Date: 10-16-09

TENNESSEE AMERICAN WATER

By [Signature]

Title: PRESIDENT

Date: OCTOBER 19, 2009

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880
For Service To: 5 Weeks St

Account Number: 26-0104444-5
Amount Due \$25,302.45
Due Date May 18, 2009

TOWN OF SIGNAL MOUTAIN
1111 Ridgeway Ave
Signal Mountain TN 37377-3146

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880

Customer Account Information

Service To: TOWN OF SIGNAL MOUTAIN
5 Weeks St
Account #: 26-0104444-5
Premise #: 26-0072999

Billing Summary

----Prior Balance-----
Balance from last bill 22960.62
Payments as of Apr 29, 2009. -22960.62
Total prior balance, Apr 29,
----Current Water Charges----
Water Volume (\$.796000 x 31,7 25302.45
Total water charges, Apr 29, 25302.45
----Total Current Charges---- 25302.45
----TOTAL AMOUNT DUE----- 25302.45

Billing Period & Meter Information
Billing Date: Apr 29, 2009
Billing Period: Mar 24 to Apr 24
Next reading: Oct 22, 2010
Rate Type: Sales For Resale

Meter reads in current period:

Meter Number 031969283A
Present-actual 823310
Last-actual 797715
Meter Number 070041090T
Present-actual 27921
Last-actual 21729
100 Cubic Feet used 31787
1 cu.ft. = approx 7.50 gallons
Gallons used 23840250

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
Sign up today to pay your bills through
automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

* For your convenience, we have payment locations at: three EPB
locations, 10 W MLK Blvd; 5736
Brainerd Rd, 2124 N Point Blvd; Belvoir Pharmacy, 4501
Brainerd Rd, Kingwood Pharmacy, 3824 Ringgold Rd;

Charlie's Jewelry, 401 Chickamauga Ave; Korner Market, 2328
Rossville Blvd.

If payment is not received by the due date, a penalty of 5.0%
will be assessed on your current bill amount.

Date Printed 10/20/10
 Time Printed 1:11 pm
 Printed By MILLERSA

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: 5 Weeks St

Account Number: 26-0104444-5
 Amount Due \$29,585.73
 Due Date Jun 16, 2009

TOWN OF SIGNAL MOUNTAIN
 1111 Ridgeway Ave
 Signal Mountain TN 37377-3146

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information

Service To: TOWN OF SIGNAL MOUNTAIN
 5 Weeks St
 Account #: 26-0104444-5
 Premise #: 26-0072999

Billing Summary

----Prior Balance-----
 Balance from last bill 25302.45
 Payments as of May 29, 2009. -25302.45
 Total prior balance, May 29,
 ----Current Water Charges----
 Water Volume (\$.796000 x 37,1 29585.73
 Total water charges, May 29, 29585.73
 ----Total Current Charges---- 29585.73
 ----TOTAL AMOUNT DUE----- 29585.73

Billing Period & Meter Information
 Billing Date: May 29, 2009
 Billing Period: Apr 24 to May 26
 Next reading: Oct 22, 2010
 Rate Type: Sales For Resale

Meter reads in current period:

Meter Number 031969283A
 Present-actual 853735
 Last-actual 823310
 Meter Number 070041090T
 Present-actual 34664
 Last-actual 27921
 100 Cubic Feet used 37168
 1 cu.ft. = approx 7.50 gallons
 Gallons used 27876000

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
 Sign up today to pay your bills through
 automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

* For your convenience, we have payment locations at: three EPB
 locations, 10 W MLK Blvd; 5736
 Brainerd Rd, 2124 N Point Blvd; Belvoir Pharmacy, 4501
 Brainerd Rd, Kingwood Pharmacy, 3824 Ringgold Rd;

Charlie's Jewelry, 401 Chickamauga Ave; Korner Market, 2328
 Rossville Blvd.

If payment is not received by the due date, a penalty of 5.0%
 will be assessed on your current bill amount.

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: 5 Weeks St

Account Number: 26-0104444-5
 Amount Due \$32,636.80
 Due Date Jul 17, 2009

TOWN OF SIGNAL MOUNTAIN
 1111 Ridgeway Ave
 Signal Mountain TN 37377-3146

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information

Service To: TOWN OF SIGNAL MOUNTAIN
 5 Weeks St
 Account #: 26-0104444-5
 Premise #: 26-0072999

Billing Summary

----Prior Balance-----
 Balance from last bill 29585.73
 Payments as of Jun 29, 2009. -29585.73
 Total prior balance, Jun 29,
 ----Current Water Charges----
 Water Volume (\$.796000 x 41,0 32636.80
 Total water charges, Jun 29, 32636.80
 ----Total Current Charges---- 32636.80
 ----TOTAL AMOUNT DUE----- 32636.80

Billing Period & Meter Information
 Billing Date: Jun 29, 2009
 Billing Period: May 26 to Jun 24
 Next reading: Oct 22, 2010
 Rate Type: Sales For Resale

Meter reads in current period:

Meter Number 031969283A
 Present-actual 888130
 Last-actual 853735
 Meter Number 070041090T
 Present-actual 41270
 Last-actual 34664
 100 Cubic Feet used 41001
 1 cu.ft. = approx 7.50 gallons
 Gallons used 30750750

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
 Sign up today to pay your bills through
 automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

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 locations, 10 W MLK Blvd; 5736
 Brainerd Rd, 2124 N Point Blvd; Belvoir Pharmacy, 4501
 Brainerd Rd, Kingwood Pharmacy, 3824 Ringgold Rd;

Charlie's Jewelry, 401 Chickamauga Ave; Korner Market, 2328
 Rossville Blvd.

If payment is not received by the due date, a penalty of 5.0%
 will be assessed on your current bill amount.

Time Printed 12:53 pm
Printed By MILLERSA

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880
For Service To: 5 Weeks St

Account Number: 26-0104444-5
Amount Due \$47,341.47
Due Date Aug 17, 2009

TOWN OF SIGNAL MOUNTAIN
1111 Ridgeway Ave
Signal Mountain TN 37377-3146

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880

Customer Account Information	Billing Summary
Service To: TOWN OF SIGNAL MOUNTAIN 5 Weeks St	-----Prior Balance-----
Account #: 26-0104444-5	Balance from last bill 32636.80
Premise #: 26-0072999	Payments as of Jul 29, 2009. -32636.80
	Total prior balance, Jul 29,
	-----Current Water Charges-----
Billing Period & Meter Information	Water Volume (\$.796000 x 10,7 8590.27
Billing Date: Jul 29, 2009	Water Volume (\$.897700 x 43,1 38751.20
Billing Period: Jun 24 to Jul 24	Total Use Billed 53,959 47341.47
Next reading: Oct 22, 2010	
Rate Type: Sales For Resale	-----Total Current Charges----- 47341.47
Meter reads in current period:	-----TOTAL AMOUNT DUE----- 47341.47
Meter Number 031969283A	
Present-actual 933505	
Last-actual 888130	
Meter Number 070041090T	
Present-actual 49854	
Last-actual 41270	
100 Cubic Feet used 53959	
1 cu.ft. = approx 7.50 gallons	
Gallons used 40469250	

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
Sign up today to pay your bills through
automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

* For your convenience, we have payment locations at: three EPB
locations, 10 W MLK Blvd; 5736
Brainerd Rd, 2124 N Point Blvd; Belvoir Pharmacy, 4501
Brainerd Rd, Kingwood Pharmacy, 3824 Ringgold Rd;

Charlie's Jewelry, 401 Chickamauga Ave; Korner Market, 2328
Rossville Blvd.

If payment is not received by the due date, a penalty of 5.0%
will be assessed on your current bill amount.

Tennessee American Water Company
CAPD DR 1#15
Adjustment - Line 2
Normalized Revenue adjustments:

Weatherization adjustment

Residential:

Dr. Spitznagel's usage per residential customer per day
Residential Customers @ March 2010
(customers for Chattanooga, Lakeview, Lookout Mtn)-Attachment 2

0.13593 in 1,000 gallons	
64,131	8,717 total usage per day
	365 days in yr
3,181,824	
0.75 convert to CCF	
4,242,432 total usage	
4,337,950	
(95,517)	

Residential revenues per bill analysis less Suck Creek
and Lone Oak - bill analysis - Attachment 3
Reduction in usage per weather normalization

Usage reduction priced out by district (reduced in second block):

Chattanooga bill analysis usage	3,968,497	Usage	Rate	Revenues
Lookout Mtn bill analysis usage	221,629	(86,630)	3.207	(277,822)
Lakeview Mtn bill analysis usage	185,509	(4,838)	4.131	(19,986)
	4,375,635	(4,050)	3.534	(14,313)

(312,121)

Commercial:

Dr. Spitznagel's usage per commercial customer
Commercial Customers @ March 2010
(customers for Chattanooga, Lakeview, Lookout Mtn)-Attachment 2

0.98964 in 1,000 gallons	
8,091	8,007 total usage per day
	365 days in yr
2,922,620	
0.75 convert to CCF	
3,896,827 total usage	
3,900,005	
(3,178)	

Commercial revenues per bill analysis less Suck Creek
and Lone Oak - bill analysis - Attachment 3
Reduction in usage per weather normalization

Usage reduction priced out by district (reduced in third block):

Chattanooga bill analysis usage	3,828,746	Usage	Rate	Revenues
Lookout Mtn bill analysis usage	37,507	(3,129)	2.003	(6,267)
Lakeview Mtn bill analysis usage	22,550	(31)	2.921	(91)
	3,888,803	(18)	2.328	(42)

(6,400) (318,521)

March 2009
April 2009
May 2009
June 2009
July 2009
August 2009
September 2009
October 2009
November 2009
December 2009
January 2010
February 2010
March 2010

Tennessee Regulatory Authority
Residential Class
Company : Tennessee-American Water Company
Case No. :

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Chattanooga												
6	5/8 - inch meter	720,016	10.88	\$7,833,768	720,016	10.88	\$7,833,768	724,498	10.88	\$7,892,543	724,498	13.84	\$10,027,068
7	3/4 - inch meter	1,089	18.28	19,911	1,089	18.28	19,911	1,089	18.28	19,911	1,089	23.25	25,324
8	1 - inch meter	1,949	30.41	59,257	1,949	30.41	59,257	1,949	30.41	59,257	1,949	38.68	75,372
9	1 1/2 - inch meter	207	60.85	12,598	207	60.85	12,598	207	60.85	12,598	207	77.40	16,024
10	2 - inch meter	114	97.35	11,104	114	97.35	11,104	114	97.35	11,104	114	123.83	14,125
11	3 - inch meter	1	182.53	134	1	182.53	134	1	182.53	134	1	232.18	170
12	4 - inch meter	0	304.23	0	0	304.23	0	0	304.23	0	0	386.98	0
13	6 - inch meter	0	608.47	0	0	608.47	0	0	608.47	0	0	773.97	0
14	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	0	0	1,238.33	0
15	Total Meters	723,375		7,836,772	723,375		7,836,772	727,858		7,985,547	727,858		10,168,073
16													
17	Volumetric												
18	First	2,277,055	0.202	459,965	2,277,055	0.202	459,965	2,294,987	0.202	463,587	2,294,987	0.283	649,481
19	Next	1,626,482	3.207	5,216,032	1,639,822	3.207	4,938,210	1,646,547	3.207	4,959,777	1,646,547	4.120	6,371,774
20	Next	62,450	2,015	125,836	62,450	2,015	125,836	62,450	2,015	125,836	62,450	2,530	157,998
21	Next	2,540	1,506	3,825	2,540	1,506	3,825	2,540	1,506	3,825	2,540	1,892	4,806
22	Next	0	1,151	0	0	1,151	0	0	1,151	0	0	1,445	0
23	All Over	0	0.684	0	0	0.684	0	0	0.684	0	0	0	0.943
24	Chattanooga Amount	3,968,497		13,742,430	3,881,867		13,464,608	3,906,524		13,538,572	3,906,524		17,342,132
25													
26	Lookout Mountain												
27	5/8 - inch meter	20,711	12.21	252,878	20,711	12.21	252,878	20,853	12.21	254,612	20,853	13.84	288,602
28	3/4 - inch meter	501	18.28	9,157	501	18.28	9,157	501	18.28	9,157	501	23.25	11,647
29	1 - inch meter	1,403	30.41	42,678	1,403	30.41	42,678	1,403	30.41	42,678	1,403	38.68	54,285
30	1 1/2 - inch meter	24	60.85	1,460	24	60.85	1,460	24	60.85	1,460	24	77.40	1,858
31	2 - inch meter	31	97.35	3,021	31	97.35	3,021	31	97.35	3,021	31	123.83	3,843
32	3 - inch meter	0	182.53	0	0	182.53	0	0	182.53	0	0	232.18	0
33	4 - inch meter	0	304.23	0	0	304.23	0	0	304.23	0	0	386.98	0
34	6 - inch meter	0	608.47	0	0	608.47	0	0	608.47	0	0	773.97	0
35	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	0	0	1,238.33	0
36	Total Meters	22,670		309,194	22,670		309,194	22,812		310,928	22,812		360,235
37													
38	Volumetric												
39	First	73,629	0.753	55,443	73,629	0.753	55,443	74,197	0.753	55,871	74,197	1.180	87,524
40	Next	132,138	4.131	545,860	127,300	4.131	525,875	128,124	4.131	529,279	128,124	5.017	642,745
41	Next	15,806	2,939	46,454	15,806	2,939	46,454	15,806	2,939	46,454	15,806	3,427	54,161
42	Next	56	2,055	115	66	2,055	115	56	2,055	115	56	2,789	166
43	Next	0	1,701	0	0	1,701	0	0	1,701	0	0	2,342	0
44	All Over	0	1.233	0	0	1.233	0	0	1.233	0	0	1.840	0
45	Lookout Mountain Amount	221,629		957,066	215,791		937,081	218,183		942,647	218,183		1,144,821
46													

Tennessee Regulatory Authority
Residential Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending March 31, 2010
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Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
5	Lakeview												
6	5/8 - inch meter	33,461	12.21	408,553	33,461	12.21	408,553	33,672	12.21	411,129	33,672	13.84	466,014
7	3/4 - inch meter	0	18.28	0	0	18.28	0	-	18.28	0	-	23.25	0
8	1 - inch meter	38	30.41	1,169	38	30.41	1,169	38	30.41	1,169	38	38.68	1,487
9	1 1/2 - inch meter	0	60.85	0	0	60.85	0	-	60.85	0	-	77.40	0
10	2 - inch meter	0	97.35	0	0	97.35	0	-	97.35	0	-	123.83	0
11	3 - inch meter	0	182.63	0	0	182.63	0	-	182.63	0	-	232.18	0
12	4 - inch meter	0	304.23	0	0	304.23	0	-	304.23	0	-	386.98	0
13	6 - inch meter	0	608.47	0	0	608.47	0	-	608.47	0	-	773.97	0
14	8 - inch meter	0	973.53	0	0	973.53	0	-	973.53	0	-	1,238.33	0
15	Total Meters	33,499		409,722	33,499		409,722	33,710		412,298	33,710		467,501
16													
17	Volumetric												
18	First	107,248	0.372	39,896	107,248	0.372	39,896	108,092	0.372	40,210	108,092	1.180	127,506
19	Next	77,557	3.534	274,086	73,507	3.534	269,773	73,824	3.534	260,894	73,824	5.017	370,345
20	Next	704	2.342	1,649	704	2.342	1,649	704	2.342	1,649	704	3.427	2,412
21	Next	0	1.674	0	0	1.674	0	-	1.674	0	-	2.789	0
22	Next	0	1.320	0	0	1.320	0	-	1.320	0	-	2.342	0
23	All Over	0	0.852	0	0	0.852	0	-	0.852	0	-	1.840	0
24	Lakeview Amount	185,509		725,363	181,459		711,040	182,620		715,051	182,620		967,764
25													
26	Lone Oak												
27	5/8 - inch meter	1,441	32.76	47,215	1,441	32.76	47,215	1,441	32.76	47,215	1,441	28.04	40,412
28	3/4 - inch meter	0	32.76	0	0	32.76	0	-	32.76	0	-	23.25	0
29	1 - inch meter	0	32.76	0	0	32.76	0	-	32.76	0	-	38.68	0
30	1 1/2 - inch meter	0	32.76	0	0	32.76	0	-	32.76	0	-	77.40	0
31	2 - inch meter	0	32.76	0	0	32.76	0	-	32.76	0	-	123.83	0
32	3 - inch meter	0	32.76	0	0	32.76	0	-	32.76	0	-	232.18	0
33	4 - inch meter	0	32.76	0	0	32.76	0	-	32.76	0	-	386.98	0
34	6 - inch meter	0	32.76	0	0	32.76	0	-	32.76	0	-	773.97	0
35	8 - inch meter	0	32.76	0	0	32.76	0	-	32.76	0	-	1,238.33	0
36	Total Meters	1,441		47,215	1,441		47,215	1,441		47,215	1,441		40,412
37													
38	Volumetric												
39	First	3,211	0.000	0	3,211	0.000	0	3,211	0.000	0	3,211	0.000	0
40	In Excess	4,226	4.1200	17,411	4,226	4.1200	17,411	4,226	4.1200	17,411	4,226	5.017	15,090
41													0
42													
43	First	400	0.000	0	400	0.000	0	400	0.000	0	400	0.000	0
44	Next	5,100	0.000	0	5,100	0.000	0	5,100	0.000	0	5,100	0.000	0
45	Next	43,500	0.000	0	43,500	0.000	0	43,500	0.000	0	43,500	0.000	0
46	Lone Oak Amount	7,437		64,626	7,437		64,626	7,437		64,626	7,437		60,726

Tennessee Regulatory Authority
Residential Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending March 31, 2010
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Page No. 3 of 13

Line No.	Per books	Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine
5	Suck Creek									
6	5/8 - inch meter	2,533	60,404	2,533	23.85	60,404	2,533	23.85	60,404	2,533
7	3/4 - inch meter	0	0	0	23.85	0	0	23.85	0	0
8	1 - inch meter	12	289	12	23.85	289	12	23.85	289	12
9	1 1/2 - inch meter	0	0	0	23.85	0	0	23.85	0	0
10	2 - inch meter	0	0	0	23.85	0	0	23.85	0	0
11	3 - inch meter	0	0	0	23.85	0	0	23.85	0	0
12	4 - inch meter	0	0	0	23.85	0	0	23.85	0	0
13	6 - inch meter	0	0	0	23.85	0	0	23.85	0	0
14	8 - inch meter	0	0	0	23.85	0	0	23.85	0	0
15	Total Meters	2,545	60,693	2,545	23.85	60,693	2,545	23.85	60,693	2,545
16										
17	Volumetric									
18	First 2 (100 CCF)	4,681	0	4,681						
19	Next 10.67 (100 CCF)	8,712	30,004	8,712	3.444	30,004		3.444	30,004	
20	All Over 12.67 (100 CCF)	1,665	4,301	1,665	2.583	4,301		2.583	4,301	
21										
22										
23	First 400 Cubic Feet									
24	Next 5,100 Cubic Feet									
25	Next 43,600 Cubic Feet									
26	Suck Creek Amount	15,058	94,998	15,058		94,998			94,998	
27										
28	Total Gross	4,396,130	15,584,473	4,302,612		15,272,353	4,329,822		15,355,894	4,329,822
29	Proration adjustment		0							
30	Less: Correction & Allowances	37,685	113,625	37,685		113,625			113,625	
31	Net Amount	4,358,445	15,470,848	4,264,927		15,158,728	4,292,137		15,242,268	4,292,137
32	Net Amt. Per Revenue Summary	4,366,253	15,471,799	4,270,806		15,159,653	4,297,853		15,243,199	4,297,853
33	Difference	(5,808)	(951)	(5,679)		(925)	(5,716)		(930)	(5,716)
34	Percent Difference	-0.1330%	-0.0061%	-0.1330%		-0.0061%	-0.1330%		-0.0061%	-0.1330%
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										

1.180	9,733
5.017	33,320
3.427	565
	92,537
	19,607,980
	145,088
	19,462,892
	19,464,079
	(1,187)
	-0.0061%

Tennessee Regulatory Authority
Commercial Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending March 31, 2010
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Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	1,641	12.14	19,917	1,641	12.14	19,917	1,641	12.14	19,917	1,641	13.84	22,706
7	3/4 - inch meter	0	18.16	0	0	18.16	0	0	18.16	0	0	23.25	0
8	1 - inch meter	216	30.22	6,529	216	30.22	6,529	234	30.22	7,073	234	38.68	9,054
9	1 1/2 - inch meter	0	60.47	0	0	60.47	0	0	60.47	0	0	77.40	0
10	2 - inch meter	84	96.74	8,126	84	96.74	8,126	84	96.74	8,126	84	123.83	10,402
11	3 - inch meter	0	181.40	0	0	181.40	0	0	181.40	0	0	232.18	0
12	4 - inch meter	0	302.34	0	0	302.34	0	0	302.34	0	0	386.98	0
13	6 - inch meter	0	604.69	0	0	604.69	0	0	604.69	0	0	773.97	0
14	8 - inch meter	0	967.50	0	0	967.50	0	0	967.50	0	0	1,238.33	0
15	Total Meters	1,941		34,572	1,941		34,572	1,959		35,116	1,959		42,162
16													
17	Volumetric												
18	First 400 Cubic Feet	4,962	0.369	1,831	4,962	0.369	1,831	5,034	0.369	1,858	5,034	1.180	5,938
19	Next 6,100 Cubic Feet	11,405	3.512	40,056	11,405	3.512	40,056	11,542	3.512	40,637	11,542	5.017	57,904
20	Next 43,500 Cubic Feet	6,182	2.328	14,392	6,164	2.328	14,351	6,164	2.328	14,351	6,164	3.427	21,123
21	Next 450,000 Cubic Feet	0	1.664	0	0	1.664	0	0	1.664	0	0	2.789	0
22	Next 1,000,000 Cubic Feet	0	1.312	0	0	1.312	0	0	1.312	0	0	2.342	0
23	All Over 1,500,000 Cubic Feet	0	0.846	0	0	0.846	0	0	0.846	0	0	1.840	0
24	Lakeview Amount	22,550		90,861	22,532		90,810	22,741		91,862	22,741		127,127
25													
26	Lone Oak												
27	5/8 - inch meter	17	32.56	568	17	32.56	568	17	32.56	568	17	28.04	489
28	3/4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	23.25	0
29	1 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	38.68	0
30	1 1/2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	77.40	0
31	2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	123.83	0
32	3 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	232.18	0
33	4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	386.98	0
34	6 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	773.97	0
35	8 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	1,238.33	0
36	Total Meters	17		568	17		568	17		568	17		489
37													
38	Volumetric												
39	First 2.67 (100 CCF)	11	0.000	0	11	0.000	0	11	0.000	0	11	0.000	0
40	In Excess 2.67 (100 CCF)	2	4.094	10	2	4.094	10	2	4.094	10	2	4.094	0
41													
42													
43	First 400 Cubic Feet												
44	Next 6,100 Cubic Feet												
45	Next 43,500 Cubic Feet												
46	Lone Oak Amount	13		578	13		578	13		578	13		508

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 3
Normalized Revenue adjustments:

Difference in bill analysis & reported revenues

Represents the difference in the tolerance factor amount from per books to normalized revenues:

Tolerance factor revenue difference historical test period-**attachment 4** bill analysis
Tolerance factor revenue difference normalized test period-**attachment 4** bill analysis

Residential	Commercial	Industrial	OPA	OWU
(951)	22	196	(16)	0.25
(925)	23	197	(15)	(0.38)
(26)	(1)	(1)	(1)	1
				(28)

ANALYSIS OF REVENUES AT PER BOOKS, NORMALIZED, AND THE ATTRITION YEAR AT PRESENT AND PROPOSED RATES

Tennessee Regulatory Authority
Residential Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending March 31, 2010
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Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Chattanooga												
6	5/8 - inch meter	720,015	10.88	\$7,833,768	720,015	10.88	\$7,833,768	724,498	10.88	\$7,882,543	724,498	13.84	\$10,027,058
7	3/4 - inch meter	1,089	18.28	19,911	1,089	18.28	19,911	1,089	18.28	19,911	1,089	23.25	25,324
8	1 - inch meter	1,949	30.41	59,257	1,949	30.41	59,257	1,949	30.41	59,257	1,949	38.68	76,372
9	1 1/2 - inch meter	207	60.85	12,598	207	60.85	12,598	207	60.85	12,598	207	77.40	16,024
10	2 - inch meter	114	97.35	11,104	114	97.35	11,104	114	97.35	11,104	114	123.83	14,125
11	3 - inch meter	1	182.53	134	1	182.53	134	1	182.53	134	1	232.18	170
12	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	386.98	0
13	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	773.97	0
14	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	1,238.33	0
15	Total Meters	723,375		7,936,772	723,375		7,936,772	727,858		7,985,547	727,858		10,169,073
16													
17	Volumetric												
18	First 400 Cubic Feet	2,277,055	0.202	459,965	2,277,055	0.202	459,965	2,294,987	0.202	463,587	2,294,987	0.283	649,481
19	Next 6,100 Cubic Feet	1,626,452	3.207	5,216,032	1,626,452	3.207	4,938,210	1,546,547	3.207	4,969,777	1,546,547	4.120	6,371,774
20	Next 43,500 Cubic Feet	62,450	2.015	125,836	62,450	2.015	125,836	62,450	2.015	125,836	62,450	2.530	157,998
21	Next 450,000 Cubic Feet	2,540	1.506	3,825	2,540	1.506	3,825	2,540	1.506	3,825	2,540	1.892	4,806
22	Next 1,000,000 Cubic Feet	0	1.151	0	0	1.151	-	-	1.151	-	-	1.445	0
23	All Over 1,500,000 Cubic Feet	0	0.684	0	0	0.684	-	-	0.684	-	-	0.943	0
24	Chattanooga Amount	3,968,497		13,742,430	3,881,867		13,464,608	3,906,524		13,538,572	3,906,524		17,342,132
25													
26	Lookout Mountain												
27	5/8 - inch meter	20,711	12.21	252,878	20,711	12.21	252,878	20,853	12.21	254,612	20,853	13.84	288,602
28	3/4 - inch meter	501	18.28	9,157	501	18.28	9,157	501	18.28	9,157	501	23.25	11,647
29	1 - inch meter	1,403	30.41	42,678	1,403	30.41	42,678	1,403	30.41	42,678	1,403	38.68	54,285
30	1 1/2 - inch meter	24	60.85	1,460	24	60.85	1,460	24	60.85	1,460	24	77.40	1,858
31	2 - inch meter	31	97.35	3,021	31	97.35	3,021	31	97.35	3,021	31	123.83	3,843
32	3 - inch meter	0	182.53	0	0	182.53	-	-	182.53	-	-	232.18	0
33	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	386.98	0
34	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	773.97	0
35	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	1,238.33	0
36	Total Meters	22,670		309,194	22,670		309,194	22,812		310,928	22,812		360,235
37													
38													
39	Volumetric												
40	First 400 Cubic Feet	73,629	0.753	55,443	73,629	0.753	55,443	74,197	0.753	55,871	74,197	1.180	87,524
41	Next 6,100 Cubic Feet	132,138	4.131	545,860	127,300	4.131	525,876	128,124	4.131	529,279	128,124	5.017	642,745
42	Next 43,500 Cubic Feet	15,806	2.939	46,454	15,806	2.939	46,454	15,806	2.939	46,454	15,806	3.427	54,161
43	Next 450,000 Cubic Feet	56	2.055	115	56	2.055	115	56	2.055	115	56	2.789	156
44	Next 1,000,000 Cubic Feet	0	1.701	0	0	1.701	-	-	1.701	-	-	2.342	0
45	All Over 1,500,000 Cubic Feet	0	1.233	0	0	1.233	-	-	1.233	-	-	1.840	0
46	Lookout Mountain Amount	221,629		957,066	216,791		937,081	218,183		942,647	218,183		1,144,821

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	33,461	12.21	408,553	33,461	12.21	408,553	33,672	12.21	411,129	33,672	13.84	466,014
7	3/4 - inch meter	0	18.28	0	0	18.28	-	-	18.28	-	-	23.25	0
8	1 - inch meter	38	30.41	1,169	38	30.41	1,169	38	30.41	1,169	38	38.68	1,487
9	1 1/2 - inch meter	0	60.85	0	0	60.85	-	-	60.85	-	-	77.40	0
10	2 - inch meter	0	97.35	0	0	97.35	-	-	97.35	-	-	123.83	0
11	3 - inch meter	0	182.53	0	0	182.53	-	-	182.53	-	-	232.18	0
12	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	386.98	0
13	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	773.97	0
14	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	1,238.33	0
15	Total Meters	33,499		409,722	33,499		409,722	33,710		412,298	33,710		467,501
16													
17	Volumetric												
18	First 400 Cubic Feet	107,248	0.372	39,896	107,248	0.372	39,896	108,092	0.372	40,210	108,092	1.180	127,506
19	Next 6,100 Cubic Feet	77,557	3.534	274,986	73,507	3.534	259,773	73,824	3.534	260,894	73,824	5.017	370,345
20	Next 43,500 Cubic Feet	704	2.342	1,649	704	2.342	1,649	704	2.342	1,649	704	3.427	2,412
21	Next 450,000 Cubic Feet	0	1.674	0	0	1.674	-	-	1.674	-	-	2.789	0
22	Next 1,000,000 Cubic Feet	0	1.320	0	0	1.320	-	-	1.320	-	-	2.342	0
23	All Over 1,500,000 Cubic Feet	0	0.852	0	0	0.852	-	-	0.852	-	-	1.840	0
24	Lakeview Amount	185,509		725,353	181,459		711,040	182,620		715,051	182,620		967,764
25													
26	Lone Oak												
27	5/8 - inch meter	1,441	32.76	47,215	1,441	32.76	47,215	1,441	32.76	47,215	1,441	28.04	40,412
28	3/4 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	23.25	0
29	1 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	38.68	0
30	1 1/2 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	77.40	0
31	2 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	123.83	0
32	3 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	232.18	0
33	4 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	386.98	0
34	6 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	773.97	0
35	8 - inch meter	0	32.76	0	0	32.76	-	-	32.76	-	-	1,238.33	0
36	Total Meters	1,441		47,215	1,441		47,215	1,441		47,215	1,441		40,412
37													
38	Volumetric												
39	First 2.67 (100 CCF)	3,211	0.000	0	3,211	0.000	-	3,211	0.000	-	-		
40	In Excess 2.67 (100 CCF)	4,226	4.1200	17,411	4,226	4.1200	17,411	4,226	4.1200	17,411	4,226	5.017	15,090
41													0
42													
43	First 400 Cubic Feet										4,429	1.180	5,224
44	Next 6,100 Cubic Feet										3,008	5.017	15,090
45	Next 43,500 Cubic Feet										-		0
46	Lone Oak Amount	7,437		64,626	7,437		64,626	7,437		64,626	7,437		60,726

Line No.	Per books				Normalized				Attrition Year at Present Rates				Attrition Year at Proposed Rates					
	Billing		Rates		Revenues		Billing		Rates		Revenues		Billing		Rates		Revenues	
1	Determineate		Determineate		Determineate		Determineate		Determineate		Determineate		Determineate		Determineate		Determineate	
2																		
3																		
4																		
Chattanooga																		
6	5/8 - inch meter	61,845	10.81	\$668,544	61,845	10.81	\$668,544	61,845	10.81	\$668,544	61,845	10.81	\$668,544	61,845	10.81	\$668,544	61,845	\$865,934
7	3/4 - inch meter	1,621	18.16	29,429	1,621	18.16	29,429	1,621	18.16	29,429	1,621	18.16	29,429	1,621	18.16	29,429	1,621	37,678
8	1 - inch meter	16,816	30.22	508,178	16,816	30.22	508,178	16,816	30.22	508,178	16,816	30.22	508,178	16,816	30.22	508,178	16,816	686,331
9	1 1/2 - inch meter	4,283	60.47	259,022	4,283	60.47	259,022	4,283	60.47	259,022	4,283	60.47	259,022	4,283	60.47	259,022	4,283	331,542
10	2 - inch meter	12,802	96.74	1,238,432	12,802	96.74	1,238,432	12,802	96.74	1,238,432	12,802	96.74	1,238,432	12,802	96.74	1,238,432	12,802	1,585,228
11	3 - inch meter	472	181.40	85,651	472	181.40	85,651	472	181.40	85,651	472	181.40	85,651	472	181.40	85,651	472	109,528
12	4 - inch meter	289	302.34	87,447	289	302.34	87,447	289	302.34	87,447	289	302.34	87,447	289	302.34	87,447	289	111,928
13	6 - inch meter	144	604.69	87,075	144	604.69	87,075	144	604.69	87,075	144	604.69	87,075	144	604.69	87,075	144	111,452
14	8 - inch meter	24	967.50	23,284	24	967.50	23,284	24	967.50	23,284	24	967.50	23,284	24	967.50	23,284	24	29,502
15	Total Meters	98,296		2,987,062	98,296		2,987,062	99,199		2,987,062	99,199		2,987,062	99,199		2,987,062	99,199	3,858,523
16																		
Volumetric																		
18	First	261,144	0.201	52,490	261,144	0.201	52,490	264,752	0.201	53,216	264,752	0.201	53,216	264,752	0.201	53,216	264,752	74,925
19	Next	1,182,457	3.187	3,768,489	1,182,457	3.187	3,768,489	1,214,027	3.187	3,869,103	1,214,027	3.187	3,869,103	1,214,027	3.187	3,869,103	1,214,027	5,001,790
20	Next	1,578,059	2.003	3,160,853	1,578,059	2.003	3,160,853	1,574,929	2.003	3,154,583	1,574,929	2.003	3,154,583	1,574,929	2.003	3,154,583	1,574,929	3,984,571
21	Next	794,410	1.497	1,189,232	794,410	1.497	1,189,232	794,410	1.497	1,189,232	794,410	1.497	1,189,232	794,410	1.497	1,189,232	794,410	1,503,024
22	Next	12,676	1.144	14,501	12,676	1.144	14,501	12,676	1.144	14,501	12,676	1.144	14,501	12,676	1.144	14,501	12,676	18,317
23	All Over	0	0.679	0	0	0.679	0	0	0.679	0	0	0.679	0	0	0.679	0	0	0
24	Chattanooga Amount	3,828,746		11,172,627	3,825,616		11,166,357	3,860,794		11,166,357	3,860,794		11,294,955	3,860,794		11,294,955	3,860,794	14,441,160
25																		
Lookout Mountain																		
27	5/8 - inch meter	638	12.14	7,747	638	12.14	7,747	638	12.14	7,747	638	12.14	7,747	638	12.14	7,747	638	8,832
28	3/4 - inch meter	24	18.16	436	24	18.16	436	24	18.16	436	24	18.16	436	24	18.16	436	24	568
29	1 - inch meter	230	30.22	6,954	230	30.22	6,954	240	30.22	7,256	240	30.22	7,256	240	30.22	7,256	240	9,287
30	1 1/2 - inch meter	36	60.47	2,177	36	60.47	2,177	36	60.47	2,177	36	60.47	2,177	36	60.47	2,177	36	2,786
31	2 - inch meter	95	96.74	9,203	95	96.74	9,203	95	96.74	9,203	95	96.74	9,203	95	96.74	9,203	95	11,780
32	3 - inch meter	0	181.40	0	0	181.40	0	0	181.40	0	0	181.40	0	0	181.40	0	0	0
33	4 - inch meter	0	302.34	0	0	302.34	0	0	302.34	0	0	302.34	0	0	302.34	0	0	0
34	6 - inch meter	0	604.69	0	0	604.69	0	0	604.69	0	0	604.69	0	0	604.69	0	0	0
35	8 - inch meter	0	967.50	0	0	967.50	0	0	967.50	0	0	967.50	0	0	967.50	0	0	0
36	Total Meters	1,023		26,517	1,023		26,517	1,033		26,517	1,033		26,517	1,033		26,517	1,033	33,243
37																		
Volumetric																		
39	First	2,776	0.748	2,078	2,776	0.748	2,078	2,816	0.748	2,106	2,816	0.748	2,106	2,816	0.748	2,106	2,816	3,321
40	Next	15,249	4.105	62,596	15,249	4.105	62,596	15,576	4.105	63,938	15,576	4.105	63,938	15,576	4.105	63,938	15,576	78,137
41	Next	14,262	2.921	41,659	14,231	2.921	41,568	14,231	2.921	41,568	14,231	2.921	41,568	14,231	2.921	41,568	14,231	3,427
42	Next	5,221	2.042	10,661	5,221	2.042	10,661	5,221	2.042	10,661	5,221	2.042	10,661	5,221	2.042	10,661	5,221	48,763
43	Next	0	1.691	0	0	1.691	0	0	1.691	0	0	1.691	0	0	1.691	0	0	0
44	All Over	0	1.225	0	0	1.225	0	0	1.225	0	0	1.225	0	0	1.225	0	0	0
45	Lookout Mountain Amount	37,507		143,509	37,476		143,418	37,843		145,092	37,843		145,092	37,843		145,092	37,843	178,023
46																		

Tennessee Regulatory Authority
Commercial Class
Company : Tennessee-American Water Company
Case No. :
Test Year Twelve Months Ending March 31, 2010
Exhibit No. 4, Schedule 2
Page No. 5 of 13

Attrition Year Revenues at Current and Proposed Rates

Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	1,641	12.14	19,917	1,641	12.14	19,917	1,641	12.14	19,917	1,641	13.84	22,706
7	3/4 - inch meter	0	18.16	0	0	18.16	0	0	18.16	0	0	23.25	0
8	1 - inch meter	216	30.22	6,529	216	30.22	6,529	234	30.22	7,073	234	38.68	9,054
9	1 1/2 - inch meter	0	60.47	0	0	60.47	0	0	60.47	0	0	77.40	0
10	2 - inch meter	84	96.74	8,126	84	96.74	8,126	84	96.74	8,126	84	123.83	10,402
11	3 - inch meter	0	181.40	0	0	181.40	0	0	181.40	0	0	232.18	0
12	4 - inch meter	0	302.34	0	0	302.34	0	0	302.34	0	0	386.98	0
13	6 - inch meter	0	604.69	0	0	604.69	0	0	604.69	0	0	773.97	0
14	8 - inch meter	0	967.50	0	0	967.50	0	0	967.50	0	0	1,238.33	0
15	Total Meters	1,941		34,572	1,941		34,572	1,959		35,116	1,959		42,162
16													
17	Volumetric												
18	First 400 Cubic Feet	4,962	0.369	1,831	4,962	0.369	1,831	5,034	0.369	1,868	5,034	1.180	5,938
19	Next 6,100 Cubic Feet	11,405	3.512	40,066	11,405	3.512	40,066	11,642	3.512	40,537	11,642	5.017	57,904
20	Next 43,500 Cubic Feet	6,182	2.328	14,392	6,164	2.328	14,351	6,164	2.328	14,351	6,164	3.427	21,123
21	Next 450,000 Cubic Feet	0	1.664	0	0	1.664	0	0	1.664	0	0	2.769	0
22	Next 1,000,000 Cubic Feet	0	1.312	0	0	1.312	0	0	1.312	0	0	2.342	0
23	All Over 1,500,000 Cubic Feet	0	0.846	0	0	0.846	0	0	0.846	0	0	1.840	0
24	Lakeview Amount	22,550		90,851	22,532		90,810	22,741		91,862	22,741		127,127
25													
26	Lone Oak												
27	5/8 - inch meter	17	32.56	568	17	32.56	568	17	32.56	568	17	28.04	489
28	3/4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	23.25	0
29	1 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	38.68	0
30	1 1/2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	77.40	0
31	2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	123.83	0
32	3 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	232.18	0
33	4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	386.98	0
34	6 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	773.97	0
35	8 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	1,238.33	0
36	Total Meters	17		568	17		568	17		568	17		489
37													
38	Volumetric												
39	First 2.67 (100 CCF)	11	0.000	0	11	0.000	0	11	0.000	0	11	1.180	14
40	In Excess 2.67 (100 CCF)	2	4.094	10	2	4.094	10	2	4.094	10	2	5.017	5
41													0
42													508
43	First 400 Cubic Feet												
44	Next 6,100 Cubic Feet												
45	Next 43,500 Cubic Feet												
46	Lone Oak Amount	13		578	13		578	13		578	13		

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4													
5	Suck Creek												
6	5/8 - inch meter	49	23.70	1,150	49	23.70	1,150	49	23.70	1,150	49	19.13	928
7	3/4 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
8	1 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
9	1 1/2 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
10	2 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
11	3 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
12	4 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
13	6 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
14	8 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
15	Total Meters	49		1,150	49	23.70		1,150	49	23.70		19.13	928
16													
17	Volumetric												
18	First 2 (100 CCF)	39	0.000	0	39	0.000	-	-	39	0.000	-		
19	Next 10.67 (100 CCF)	56	3.423	192	56	3.423	192	56	3.423	192	56	3.423	
20	All Over 12.67 (100 CCF)	49	2.567	125	49	2.567	125	49	2.567	125	49	2.567	
21													
22													
23	First 400 Cubic Feet											1.180	70
24	Next 6,100 Cubic Feet											5.017	426
25	Next 43,500 Cubic Feet											3.427	0
26	Suck Creek Amount	144		1,467	144		1,467	144		1,467	144		1,424
27													
28	Total Gross	3,888,980		11,409,032	3,888,781		11,402,630	3,921,635		11,533,954	3,921,635		14,748,232
29	Proration adjustment/billing adj 3/10			24,221			(416)			(416)			
30	Less: Correction & Allowances	(11,202)		11,433,669	3,896,983		11,403,046	3,932,737		11,534,370	3,932,737		(532)
31	Net Amount	3,900,162		11,433,647	3,897,353		11,403,023	3,933,111		11,534,347	3,933,111		14,748,764
32	Net Amt. Per Revenue Summary	3,900,531											14,748,735
33	Difference	(369)		22	(370)		23	(374)		23	(374)		29
34	Percent Difference	-0.0095%		0.0002%	-0.0095%		0.0002%	-0.0095%		0.0002%	-0.0095%		0.0002%

Line No.	Billing			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
	Per books											
1		Determine	Rates	Revenues	Determine	Rates	Revenues	Determine	Rates	Revenues	Determine	Rates
2												
3												
4												
5	Lakeview											
6	5/8 - inch meter	0	12.21	0	0	12.21	0	12.21	12.21	-	-	13.84
7	3/4 - inch meter	0	18.28	0	0	18.28	0	18.28	18.28	-	-	23.25
8	1 - inch meter	0	30.41	0	0	30.41	0	30.41	30.41	-	-	38.68
9	1 1/2 - inch meter	0	60.85	0	0	60.85	0	60.85	60.85	-	-	77.40
10	2 - inch meter	0	97.35	0	0	97.35	0	97.35	97.35	-	-	123.83
11	3 - inch meter	0	182.53	0	0	182.53	0	182.53	182.53	-	-	232.18
12	4 - inch meter	0	304.23	0	0	304.23	0	304.23	304.23	-	-	386.98
13	6 - inch meter	0	608.47	0	0	608.47	0	608.47	608.47	-	-	773.97
14	8 - inch meter	0	973.53	0	0	973.53	0	973.53	973.53	-	-	1,238.33
15												
16	Total Meters	0		0	0		0			-	-	0
17	Volumetric											
18	First 400 Cubic Feet	0	0.372	0	0	0.372	0	0.372	0.372	-	-	1.180
19	Next 6,100 Cubic Feet	0	3.534	0	0	3.534	0	3.534	3.534	-	-	5.017
20	Next 43,500 Cubic Feet	0	2.342	0	0	2.342	0	2.342	2.342	-	-	3.427
21	Next 450,000 Cubic Feet	0	1.674	0	0	1.674	0	1.674	1.674	-	-	2.769
22	Next 1,000,000 Cubic Feet	0	1.320	0	0	1.320	0	1.320	1.320	-	-	2.342
23	All Over 1,500,000 Cubic Feet	0	0.852	0	0	0.852	0	0.852	0.852	-	-	1.840
24	Lakeview Amount	0		0	0		0			-	-	0
25												
26	Total Gross	2,563,248		3,405,193	2,563,248		3,405,193	2,563,248				4,346,914
27	Proration adjustment											
28	Less: Correction & Allowances	512		3,032	512		3,032	512				3,870
29	Net Amount	2,562,736		3,402,161	2,562,736		3,402,161	2,562,736				4,343,044
30	Net Amt. Per Revenue Summary	2,561,716		3,401,965	2,561,716		3,401,964	2,561,716				4,342,792
31	Difference	1,020		196	1,020		197	1,020				252
32	Percent Difference	0.0398%		0.0058%	0.0398%		0.0058%	0.0398%				0.0058%

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues
1													
2													
3													
4													
5	Chattanooga												
6	5/8 - inch meter	1,998	10.88	\$21,739	1,998	10.88	\$21,739	1,998	10.88	\$21,739	1,998	13.84	\$27,663
7	3/4 - inch meter	145	18.28	2,651	145	18.28	2,651	145	18.28	2,651	145	23.25	3,371
8	1 - inch meter	1,537	30.41	46,752	1,537	30.41	46,752	1,537	30.41	46,752	1,537	37.40	57,631
9	1 1/2 - inch meter	822	60.86	50,025	822	60.86	50,025	822	60.86	50,025	822	77.40	63,631
10	2 - inch meter	3,474	97.35	338,191	3,474	97.35	338,191	3,474	97.35	338,191	3,474	123.83	430,181
11	3 - inch meter	81	182.53	14,742	81	182.53	14,742	81	182.53	14,742	81	232.18	18,752
12	4 - inch meter	252	304.23	76,707	252	304.23	76,707	252	304.23	76,707	252	386.98	97,571
13	6 - inch meter	36	608.47	21,905	36	608.47	21,905	36	608.47	21,905	36	773.97	27,863
14	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	1,238.33	0
15	Total Meters	8,345		572,712	8,345		572,712	8,345		572,712	8,345		728,489
16													
17	Volumetric												
18	First	21,333	0.202	4,309	21,333	0.202	4,309	21,333	0.202	4,309	21,333	0.283	6,037
19	Next	159,646	3.207	511,985	159,646	3.207	511,985	159,646	3.207	511,985	159,646	4.120	667,742
20	Next	331,280	2.015	667,530	331,280	2.015	667,530	331,280	2.015	667,530	331,280	2.530	838,139
21	Next	448,116	1.506	676,369	448,116	1.506	676,369	448,116	1.506	676,369	448,116	1.892	849,727
22	Next	61,517	1.151	70,806	61,517	1.151	70,806	61,517	1.151	70,806	61,517	1.445	88,892
23	All Over 1,500,000 Cubic Feet	0	0.684	0	0	0.684	-	-	0.684	-	-	0.943	0
24	Chattanooga Amount	1,022,892		2,503,711	1,022,892		2,503,711	1,022,892		2,503,711	1,022,892		3,169,025
25													
26	Lookout Mountain												
27	5/8 - inch meter	158	12.21	1,931	158	12.21	1,931	158	12.21	1,931	158	13.84	2,189
28	3/4 - inch meter	16	18.28	297	16	18.28	297	16	18.28	297	16	23.25	378
29	1 - inch meter	130	30.41	3,944	130	30.41	3,944	130	30.41	3,944	130	38.68	5,017
30	1 1/2 - inch meter	12	60.86	730	12	60.86	730	12	60.86	730	12	77.40	929
31	2 - inch meter	72	97.35	7,016	72	97.35	7,016	72	97.35	7,016	72	123.83	8,924
32	3 - inch meter	0	182.53	0	0	182.53	-	-	182.53	-	-	232.18	0
33	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	386.98	0
34	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	773.97	0
35	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	1,238.33	0
36	Total Meters	388		13,918	388		13,918	388		13,918	388		17,437
37													
38	Volumetric												
39	First	861	0.753	648	861	0.753	648	861	0.753	648	861	1.180	1,015
40	Next	5,226	4.131	21,587	5,226	4.131	21,587	5,226	4.131	21,587	5,226	5.017	26,214
41	Next	3,172	2.939	9,322	3,172	2.939	9,322	3,172	2.939	9,322	3,172	3.427	10,868
42	Next	648	2.055	1,332	648	2.055	1,332	648	2.055	1,332	648	2.789	1,807
43	Next	0	1.701	0	0	1.701	-	-	1.701	-	-	2.342	0
44	All Over 1,500,000 Cubic Feet	0	1.233	0	0	1.233	-	-	1.233	-	-	1.840	0
45	Lookout Mountain Amount	9,906		46,807	9,906		46,807	9,906		46,807	9,906		57,341
46													

		Per books		Normalized		Attrition Year at Present Rates		Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1										
2										
3										
4										
5	Lakeview									
6	5/8 - inch meter	60	12.21	733	60	12.21	733	60	12.21	733
7	3/4 - inch meter	0	18.28	0	-	18.28	-	-	18.28	-
8	1 - inch meter	12	30.41	365	12	30.41	365	12	30.41	365
9	1 1/2 - inch meter	12	60.85	731	12	60.85	731	12	60.85	731
10	2 - inch meter	24	97.35	2,338	24	97.35	2,338	24	97.35	2,338
11	3 - inch meter	0	182.53	0	-	182.53	-	-	182.53	-
12	4 - inch meter	0	304.23	0	-	304.23	-	-	304.23	-
13	6 - inch meter	0	608.47	0	-	608.47	-	-	608.47	-
14	8 - inch meter	0	973.53	0	-	973.53	-	-	973.53	-
15	Total Meters	108		4,167	108		4,167	108		4,167
16										
17	Volumetric									
18	First 400 Cubic Feet	189	0.372	70	189	0.372	70	189	0.372	70
19	Next 6,100 Cubic Feet	1,511	3.534	5,340	1,511	3.534	5,340	1,511	3.534	5,340
20	Next 43,500 Cubic Feet	744	2.342	1,742	744	2.342	1,742	744	2.342	1,742
21	Next 450,000 Cubic Feet	0	1.674	0	0	1.674	-	-	1.674	-
22	Next 1,000,000 Cubic Feet	0	1.320	0	0	1.320	-	-	1.320	-
23	All Over 1,500,000 Cubic Feet	0	0.852	0	0	0.852	-	-	0.852	-
24	Lakeview Amount	2,444		11,319	2,444		11,319	2,444		11,319
25										
26	Total Gross	1,035,242		2,561,837	1,035,242		2,561,837	1,035,242		2,561,837
27	Proration adjustment									
28	Less: Correction & Allowances	2,311		5,599	2,311		5,599	2,311		5,599
29	Net Amount	1,032,931		2,556,238	1,032,931		2,556,238	1,032,931		2,556,238
30	Net Amt. Per Revenue Summary	1,032,836		2,556,254	1,032,836		2,556,253	1,032,836		2,556,253
31	Difference	95		(16)	95		(15)	95		(15)
32	Percent Difference	0.0092%		-0.0006%	0.0092%		-0.0006%	0.0092%		-0.0006%

Tennessee Regulatory Authority
Other Water Utility Class
Company : Tennessee-American Water Company
Case No. :
Test Year Twelve Months Ending March 31, 2010
Exhibit No. 4, Schedule 2
Page No. 11 of 13

Attrition Year Revenues at Current and Proposed Rates

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
5	Chattanooga												
6	5/8 - inch meter	0	10.88	\$0	-	10.88	\$0	-	10.88	\$0	0	13.84	\$0
7	3/4 - inch meter	0	18.28	0	-	18.28	0	-	18.28	-	-	23.25	0
8	1 - inch meter	0	30.41	0	-	30.41	-	-	30.41	-	-	38.68	0
9	1 1/2 - inch meter	0	60.85	0	-	60.85	-	-	60.85	-	-	77.40	0
10	2 - inch meter	12	97.35	1,181	12	97.35	1,181	12	97.35	1,181	12	123.83	1,502
11	3 - inch meter	0	182.53	0	-	182.53	-	-	182.53	-	-	232.18	0
12	4 - inch meter	36	304.23	10,993	36	304.23	10,993	36	304.23	10,993	36	386.98	13,983
13	6 - inch meter	0	608.47	0	-	608.47	-	-	608.47	-	-	773.97	0
14	8 - inch meter	0	973.53	0	-	973.53	-	-	973.53	-	-	1,238.33	0
15	Total Meters	48		12,174	48		12,174	48		12,174	48		15,485
17	Volumetric												
18	First	5	0.202	1	5	0.202	1	5	0.202	1	5	0.283	1
19	Next	1	3.207	3	1	3.207	3	1	3.207	3	1	4.120	4
20	Next	0	2.015	0	0	2.015	-	-	2.015	-	-	2.530	0
21	Next	0	1.506	0	0	1.506	-	-	1.506	-	-	1.892	0
22	Next	0	1.151	0	0	1.151	-	-	1.151	-	-	1.445	0
23	All Over	0	0.684	0	0	0.684	-	-	0.684	-	-	0.943	0
24	Ft. Oglethorpe	469,025	0.9353	427,124	469,025	0.9353	438,679	469,025	0.9353	438,679	469,025	1.1940	560,016
25	Catoosa Co	27,241	0.9353	25,479	27,241	0.9353	25,479	27,241	0.9353	25,479	27,241	1.1940	32,526
26	Signal Mtn	415,455	0.8977	360,674	415,455	0.8977	372,954	415,455	0.8977	372,954	415,455	1.1460	476,111
27	Walden's Ridge	434,358	1.0572	448,567	434,358	1.0572	459,203	434,358	1.0572	459,203	434,358	1.3500	586,383
28	Chattanooga Amount			1,274,022			1,308,493			1,308,493			1,670,526
30	Lookout Mountain												
31	5/8 - inch meter	0	12.21	0	0	12.21	-	-	12.21	-	-	13.84	0
32	3/4 - inch meter	0	18.28	0	0	18.28	-	-	18.28	-	-	23.25	0
33	1 - inch meter	0	30.41	0	0	30.41	-	-	30.41	-	-	38.68	0
34	1 1/2 - inch meter	0	60.85	0	0	60.85	-	-	60.85	-	-	77.40	0
35	2 - inch meter	0	97.35	0	0	97.35	-	-	97.35	-	-	123.83	0
36	3 - inch meter	0	182.53	0	0	182.53	-	-	182.53	-	-	232.18	0
37	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	386.98	0
38	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	773.97	0
39	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	1,238.33	0
40	Total Meters	0		0	0		-	-		-	-		0
42	Volumetric												
43	First	0	0.753	0	0	0.753	-	-	0.753	-	-	1.180	0
44	Next	0	4.131	0	0	4.131	-	-	4.131	-	-	5.017	0
45	Next	0	2.939	0	0	2.939	-	-	2.939	-	-	3.427	0
46	Next	0	2.055	0	0	2.055	-	-	2.055	-	-	2.789	0
47	Next	0	1.701	0	0	1.701	-	-	1.701	-	-	2.342	0
48	All Over	0	1.233	0	0	1.233	-	-	1.233	-	-	1.840	0
49	Lookout Mountain Amount			0			-	-		-	-		0

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 4
Normalized Revenue adjustments:

Unbilled Revenue adjustment:

Per books unbilled amount at 12 mo ending March 2010-attachment 5

Residential Acct 401120	Commercial Acct 401220	Industrial Acct 401320	OPA Acct 401520	OWU Acct 401620
(141,636)	(79,193)	1,723	(221)	25,090
				(194,237)

Tennessee American Water Company
Account Balances
For the 12 month ending 03/31/10

LINE	NARUC	JDE OBJ	JDE SUB	Description	12 Month
02	4611	401110		Res Sales Billed	-15,471,799.29
02	4611	401120		Res Sales Unbilled	-141,636.45
02	4612	401210		Com Sales Billed	-11,433,647.00
02	4612	401220		Com Sales Unbilled	-79,192.54
02	4613	401310		Ind Sales Billed	-3,401,964.72
02	4613	401320		Ind Sales Unbilled	1,722.76
02	4614	401510		Pub Auth Billed	-2,556,254.01
02	4614	401520		Pub Auth Unbilled	-220.51
02	4621	401410		Pub Fire Billed	66.27
02	4622	401450		Priv Fire Billed	-1,721,771.82
02	466	401610		SFR Billed	-1,274,021.20
02	466	401620		Sales for Resale Unbilled	25,089.85
02	474	401710		Misc Sales Billed	-256.71
02 Total					-36,053,885.37

Tennessee American Water Company
CAPD DR 1#15
Adjustment - Line 5
Normalized Revenue adjustments:

Public Fire adjustment:

Residential
Acct 401410

Per books unbilled amount at 12 mo ending March 2010-attachment 6

66

Tennessee American Water Company
Account Balances
For the 12 month ending 03/31/10

LINE	NARUC	JDE OBJ	JDE SUB	Description	12 Month
02	4611	401110		Res Sales Billed	-15,471,799.29
02	4611	401120		Res Sales Unbilled	-141,636.45
02	4612	401210		Com Sales Billed	-11,433,647.00
02	4612	401220		Com Sales Unbilled	-79,192.54
02	4613	401310		Ind Sales Billed	-3,401,964.72
02	4613	401320		Ind Sales Unbilled	1,722.76
02	4614	401510		Pub Auth Billed	-2,556,254.01
02	4614	401520		Pub Auth Unbilled	-220.51
02	4621	401410		Pub Fire Billed	66.27
02	4622	401450		Priv Fire Billed	-1,721,771.82
02	466	401610		SFR Billed	-1,274,021.20
02	466	401620		Sales for Resale Unbilled	25,089.85
02	474	401710		Misc Sales Billed	-256.71
02 Total					-36,053,885.37

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 6
Normalized Revenue adjustments:

Annualize Fort Oglethorpe rate increase:

prior rate	0.8961
rate adj 11/1/09	0.9353

usage at old rate	Usage at old rate*	Difference in rate	Add'l revenues
April 2009	42,300	0.0392	1,658.16
May 2009	35,206	0.0392	1,380.08
June 2009	36,906	0.0392	1,446.72
July 2009	50,072	0.0392	1,962.82
August 2009	38,445	0.0392	1,507.04
Sept 2009	37,906	0.0392	1,485.92
Oct 2009	38,523	0.0392	1,510.10
Nov 2009	15,419	0.0392	604.42
			11,555.25

***See attachment 7**



Tennessee American Water
1001 Broad Street
Chattanooga, TN 37402
amwater.com

P 423-755-7607
F 423-755-7634

September 30, 2008

The Honorable Ronnie Cobb
Mayor, City of Fort Oglethorpe
Post Office Drawer 5509
Fort Oglethorpe, GA 30742

Dear Mayor Cobb:

It is the goal of Tennessee American Water to provide the highest quality of water service at the lowest possible price. We have worked diligently to control operational expenses and have succeeded in keeping them at one-half of the annual rate of inflation. While doing so, the company has continued to make the necessary investments to maintain the quality of the water system.

To continue to provide the best product possible, it has become necessary for Tennessee American to increase water rates to the customers in our general service area. That rate increase was granted by the Tennessee Regulatory Authority and will become effective October 1, 2008.

As a result of that increase, we have reviewed the Water Purchase Agreement that we currently have with your organization. It stipulates that we must provide a written notice twelve months prior to any such increase. The purpose of this letter is to serve as that notice. The rate that Tennessee American Water will place in effect on November 1, 2009 will be \$0.935 per CCF (hundred cubic feet). Your current rate is \$0.8961 per CCF.

Tennessee American appreciates the partnership we share with your organization. Please call me personally should you have any questions or want to discuss this matter. You may reach me at 755-7607.

Sincerely,

John S. Watson
President

Date Printed 10/20/10
 Time Printed 1:13 pm
 Printed By MILLERSA

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: Lafayette Rd

Account Number: 26-0104660-6
 Amount Due \$37,905.03
 Due Date May 12, 2009

CITY OF FORT OGLETHORPE
 PO Box 5509
 Fort Oglethorpe GA 30742-0709

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information	Billing Summary
Service To: CITY OF FORT OGLETHORPE	-----Prior Balance-----
Lafayette Rd	Balance from last bill 32276.63
Account #: 26-0104660-6	Payments as of Apr 24, 2009. -32276.63
Premise #: 26-0073197	Total prior balance, Apr 24,
	-----Current Water Charges-----
Billing Period & Meter Information	Water Volume (\$.896100 x 42,3 37905.03
Billing Date: Apr 24, 2009	Total water charges, Apr 24, 37905.03
Billing Period: Mar 19 to Apr 22	
Next reading: Nov 17, 2010	-----Total Current Charges----- 37905.03
Rate Type: Sales For Resale	
	-----TOTAL AMOUNT DUE----- 37905.03

Meter reads in current period:
 Meter Number 031965102T
 Present-actual 3112
 Last-actual
 *Meter Changed Apr 15, 2009.
 Meter Number 031965102T
 Present-actual 74435
 Last-actual 62516
 Meter Number 070013819T
 Present-actual 3278
 Last-actual
 Meter Number 070063481T
 Present-actual 61447
 Last-actual 58731
 Meter Number 070063482T
 Present-actual 16187
 Last-actual 7607
 *Meter Changed Apr 15, 2009.
 Meter Number 070013819T
 Present-actual 95365
 Last-actual 82670
 100 Cubic Feet used 42300
 1 cu.ft. = approx 7.50 gallons
 Gallons used 31725000

For your convenience, we have payment locations at:
 * Charlie's Jewelry 401 Chickamauga Avenue.

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: Lafayette Rd

Account Number: 26-0104660-6
 Amount Due \$31,548.10
 Due Date Jun 15, 2009

CITY OF FORT OGLETHORPE
 PO Box 5509
 Fort Oglethorpe GA 30742-0709

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information	Billing Summary
Service To: CITY OF FORT OGLETHORPE	-----Prior Balance-----
Lafayette Rd	Balance from last bill 37905.03
Account #: 26-0104660-6	Payments as of May 26, 2009. -37905.03
Premise #: 26-0073197	Total prior balance, May 26,
	-----Current Water Charges-----
Billing Period & Meter Information	Water Volume (\$.896100 x 35,2 31548.10
Billing Date: May 26, 2009	Total water charges, May 26, 31548.10
Billing Period: Apr 21 to May 20	
Next reading: Nov 17, 2010	-----Total Current Charges----- 31548.10
Rate Type: Sales For Resale	
	-----TOTAL AMOUNT DUE----- 31548.10

Meter reads in current period:
 Meter Number 031965102T
 Present-actual 15873
 Last-actual 3112
 Meter Number 070013819T
 Present-actual 16459
 Last-actual 3278
 Meter Number 070063481T
 Present-actual 63420
 Last-actual 61447
 Meter Number 070063482T
 Present-actual 23478
 Last-actual 16187
 100 Cubic Feet used 35206
 1 cu.ft. = approx 7.50 gallons
 Gallons used 26404500

For your convenience, we have payment locations at:
 * Charlie's Jewelry 401 Chickamauga Avenue.
 ** Kingwood Pharmacy 3824 Ringgold Rd.
 * Korner Market 2328 Rossville Blvd.

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
 Sign up today to pay your bills through
 automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: Lafayette Rd

Account Number: 26-0104660-6
 Amount Due \$33,071.47
 Due Date Jul 13, 2009

CITY OF FORT OGLETHORPE
 PO Box 5509
 Fort Oglethorpe GA 30742-0709

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information	Billing Summary
Service To: CITY OF FORT OGLETHORPE	-----Prior Balance-----
Lafayette Rd	Balance from last bill 31548.10
Account #: 26-0104660-6	Payments as of Jun 24, 2009. -31548.10
Premise #: 26-0073197	Total prior balance, Jun 24,
	-----Current Water Charges-----
Billing Period & Meter Information	Water Volume (\$.896100 x 36,9 33071.47
Billing Date: Jun 24, 2009	Total water charges, Jun 24, 33071.47
Billing Period: May 20 to Jun 19	
Next reading: Nov 17, 2010	-----Total Current Charges----- 33071.47
Rate Type: Sales For Resale	
	-----TOTAL AMOUNT DUE----- 33071.47

Meter reads in current period:
 Meter Number 031965102T
 Present-actual 30870
 Last-actual 15873
 Meter Number 070013819T
 Present-actual 29429
 Last-actual 16459
 Meter Number 070063481T
 Present-actual 65291
 Last-actual 63420
 Meter Number 070063482T
 Present-actual 30546
 Last-actual 23478
 100 Cubic Feet used 36906
 1 cu.ft. = approx 7.50 gallons
 Gallons used 27679500

For your convenience, we have payment locations at:
 * Charlie's Jewelry 401 Chickamauga Avenue.
 ** Kingwood Pharmacy 3824 Ringgold Rd.
 * Korner Market 2328 Rossville Blvd.

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
 Sign up today to pay your bills through
 automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: Lafayette Rd

Account Number: 26-0104660-6
 Amount Due \$44,869.52
 Due Date Aug 14, 2009

CITY OF FORT OGLETHORPE
 PO Box 5509
 Fort Oglethorpe GA 30742-0709

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information	Billing Summary
Service To: CITY OF FORT OGLETHORPE	-----Prior Balance-----
Lafayette Rd	Balance from last bill 33071.47
Account #: 26-0104660-6	Payments as of Jul 27, 2009. -33071.47
Premise #: 26-0073197	Total prior balance, Jul 27,
	-----Current Water Charges-----
Billing Period & Meter Information	Water Volume (\$.896100 x 50,0 44869.52
Billing Date: Jul 27, 2009	Total water charges, Jul 27, 44869.52
Billing Period: Jun 19 to Jul 23	
Next reading: Nov 17, 2010	-----Total Current Charges----- 44869.52
Rate Type: Sales For Resale	
	-----TOTAL AMOUNT DUE----- 44869.52

Meter reads in current period:
 Meter Number 031965102T
 Present-actual 50462
 Last-actual 30870
 Meter Number 070013819T
 Present-actual 51254
 Last-actual 29429
 Meter Number 070063481T
 Present-actual 67835
 Last-actual 65291
 Meter Number 070063482T
 Present-actual 36657
 Last-actual 30546
 100 Cubic Feet used 50072
 1 cu.ft. = approx 7.50 gallons
 Gallons used 37554000

For your convenience, we have payment locations at:
 * Charlie's Jewelry 401 Chickamauga Avenue.
 ** Kingwood Pharmacy 3824 Ringgold Rd.
 * Korner Market 2328 Rossville Blvd.

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
 Sign up today to pay your bills through
 automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

Date Printed 10/10/10
 Time Printed 1:14 pm
 Printed By MILLERSA

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: Lafayette Rd

Account Number: 26-0104660-6
 Amount Due \$34,450.56
 Due Date Sep 11, 2009

CITY OF FORT OGLETHORPE
 PO Box 5509
 Fort Oglethorpe GA 30742-0709

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information

Service To: CITY OF FORT OGLETHORPE---
 Lafayette Rd
 Account #: 26-0104660-6
 Premise #: 26-0073197

Billing Summary

-----Prior Balance-----
 Balance from last bill 44869.52
 Payments as of Aug 24, 2009. -44869.52
 Total prior balance, Aug 24,
 -----Current Water Charges-----
 Water Volume (\$.896100 x 38,4 34450.56
 Total water charges, Aug 24, 34450.56
 -----Total Current Charges----- 34450.56
 -----TOTAL AMOUNT DUE----- 34450.56

Billing Period & Meter Information
 Billing Date: Aug 24, 2009
 Billing Period: Jul 21 to Aug 20
 Next reading: Nov 17, 2010
 Rate Type: Sales For Resale

Meter reads in current period:

Meter Number 031965102T
 Present-actual 65249
 Last-actual 50462
 Meter Number 070013819T
 Present-actual 66113
 Last-actual 51254
 Meter Number 070063481T
 Present-actual 70073
 Last-actual 67835
 Meter Number 070063482T
 Present-actual 43218
 Last-actual 36657
 100 Cubic Feet used 38445
 1 cu.ft. = approx 7.50 gallons
 Gallons used 28833750

For your convenience, we have payment locations at:

- * Charlie's Jewelry 401 Chickamauga Avenue.
- ** Kingwood Pharmacy 3824 Ringgold Rd.
- * Korner Market 2328 Rossville Blvd.

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
 Sign up today to pay your bills through
 automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

Date Printed 1:14 pm
 Printed By MILLERSA

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: Lafayette Rd

Account Number: 26-0104660-6
 Amount Due \$33,967.57
 Due Date Oct 12, 2009

CITY OF FORT OGLETHORPE
 PO Box 5509
 Fort Oglethorpe GA 30742-0709

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information

Billing Summary

Service To: CITY OF FORT OGLETHORPE
 Lafayette Rd
 Account #: 26-0104660-6
 Premise #: 26-0073197

-----Prior Balance-----
 Balance from last bill 34450.56
 Payments as of Sep 23, 2009. -34450.56
 Total prior balance, Sep 23,
 -----Current Water Charges-----
 Water Volume (\$.896100 x 37,9 33967.57
 Total water charges, Sep 23, 33967.57
 -----Total Current Charges----- 33967.57
 -----TOTAL AMOUNT DUE----- 33967.57

Billing Period & Meter Information
 Billing Date: Sep 23, 2009
 Billing Period: Aug 19 to Sep 18
 Next reading: Nov 17, 2010
 Rate Type: Sales For Resale

Meter reads in current period:

Meter Number 031965102T
 Present-actual 78684
 Last-actual 65249
 Meter Number 070013819T
 Present-actual 79625
 Last-actual 66113
 Meter Number 070063481T
 Present-actual 72855
 Last-actual 70073
 Meter Number 070063482T
 Present-actual 51395
 Last-actual 43218
 100 Cubic Feet used 37906
 1 cu.ft. = approx 7.50 gallons
 Gallons used 28429500

For your convenience, we have payment locations at:

- * Charlie's Jewelry 401 Chickamauga Avenue.
- ** Kingwood Pharmacy 3824 Ringgold Rd.
- * Korner Market 2328 Rossville Blvd.

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
 Sign up today to pay your bills through
 automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: Lafayette Rd

Account Number: 26-0104660-6
 Amount Due \$34,520.46
 Due Date Nov 09, 2009

CITY OF FORT OGLETHORPE
 PO Box 5509
 Fort Oglethorpe GA 30742-0709

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information	Billing Summary
Service To: CITY OF FORT OGLETHORPE	-----Prior Balance-----
Lafayette Rd	Balance from last bill 33967.57
Account #: 26-0104660-6	Payments as of Oct 22, 2009. -33967.57
Premise #: 26-0073197	Total prior balance, Oct 22,
	-----Current Water Charges-----
Billing Period & Meter Information	Water Volume (\$.896100 x 38,5 34520.46
Billing Date: Oct 22, 2009	Total water charges, Oct 22, 34520.46
Billing Period: Sep 18 to Oct 19	
Next reading: Nov 17, 2010	-----Total Current Charges----- 34520.46
Rate Type: Sales For Resale	
	-----TOTAL AMOUNT DUE----- 34520.46

Meter reads in current period:
 Meter Number 031965102T
 Present-actual 92952
 Last-actual 78684
 Meter Number 070013819T
 Present-actual 94001
 Last-actual 79625
 Meter Number 070063481T
 Present-actual 75171
 Last-actual 72855
 Meter Number 070063482T
 Present-actual 58958
 Last-actual 51395
 100 Cubic Feet used 38523
 1 cu.ft. = approx 7.50 gallons
 Gallons used 28892250

For your convenience, we have payment locations at:
 * Charlie's Jewelry 401 Chickamauga Avenue.
 ** Kingwood Pharmacy 3824 Ringgold Rd.
 * Korner Market 2328 Rossville Blvd.

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
 Sign up today to pay your bills through
 automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880
For Service To: Lafayette Rd

Account Number: 26-0104660-6
Amount Due \$35,448.60
Due Date Dec 11, 2009

CITY OF FORT OGLETHORPE
PO Box 5509
Fort Oglethorpe GA 30742-0709

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880

Customer Account Information	Billing Summary
Service To: CITY OF FORT OGLETHORPE	-----Prior Balance-----
Lafayette Rd	Balance from last bill 34520.46
Account #: 26-0104660-6	Payments as of Nov 23, 2009. -34520.46
Premise #: 26-0073197	Total prior balance, Nov 23,
	-----Current Water Charges-----
Billing Period & Meter Information	Water Volume (\$.896100 x 15,4 13816.79
Billing Date: Nov 23, 2009	Water Volume (\$.935300 x 23,1 21631.81
Billing Period: Oct 19 to Nov 19	Total Use Billed 38,547 35448.60
Next reading: Nov 17, 2010	
Rate Type: Sales For Resale	-----Total Current Charges----- 35448.60
Meter reads in current period:	-----TOTAL AMOUNT DUE----- 35448.60
Meter Number 031965102T	
Present-actual 6568	
Last-actual 92952	
Meter Number 070013819T	
Present-actual 7750	
Last-actual 94001	
Meter Number 070063481T	
Present-actual 77925	
Last-actual 75171	
Meter Number 070063482T	
Present-actual 67386	
Last-actual 58958	
100 Cubic Feet used 38547	
1 cu.ft. = approx 7.50 gallons	
Gallons used 28910250	

For your convenience, we have payment locations at:
* Charlie's Jewelry 401 Chickamauga Avenue.
** Kingwood Pharmacy 3824 Ringgold Rd.
* Korner Market 2328 Rossville Blvd.

SAVE A CHECK ! SAVE TIME ! SAVE POSTAGE !
Sign up today to pay your bills through
automatic bank draft. Call 1-866-736-6420.

Give to Project Water Help - Add exactly \$1.00.

	5/9	3/4	1/2	2	3	4	5	6	7
Apr-09	4,903.70	123.57	1,344.36	348.37	1,039.43	44.57	24.13	12.00	2.10
May-09	4,875.08	129.10	1,313.90	343.07	980.30	39.77	24.33	11.00	1.97
Jun-09	5,349.90	138.00	1,451.13	361.30	1,142.87	42.90	24.67	13.00	2.00
Jul-09	5,415.24	144.00	1,478.27	376.07	1,129.53	42.20	24.10	12.00	2.00
Aug-09	5,153.91	135.03	1,406.43	360.53	1,065.23	40.03	23.87	12.00	2.00
Sep-09	3,173.70	70.09	831.45	206.38	592.29	20.42	14.13	5.97	0.83
9-Oct	61.14	0.75	11.07	1.63	5.57	-	0.19	-	-
9-Nov				5.53	-	-	-	-	-
Eff 10/1/08	\$10.88	18.28	30.41	60.85	97.35	182.53	304.23	608.47	973.53
Eff 9/1/09	\$10.81	18.16	30.22	60.47	96.74	181.40	302.34	604.69	967.50
decrease in rates	(\$0.07)	(\$0.12)	(\$0.19)	(\$0.38)	(\$0.61)	(\$1.13)	(\$1.89)	(\$3.78)	(\$6.03)
Difference (decrease)	-2,025.29	-68.86	-1,488.96	-761.09	-3,632.69	-259.77	-255.94	-249.37	-65.73
Apr-09	20,637.28	50,289.84	121,984.54	67,024.34	-	-	-	-	-
May-09	20,649.06	50,788.22	118,692.34	57,457.04	574.34	-	-	-	-
Jun-09	23,288.13	110,018.57	148,930.30	69,677.00	1,245.00	-	-	-	-
Jul-09	23,940.39	118,974.61	168,356.32	80,507.68	3,223.00	-	-	-	-
Aug-09	22,606.40	110,720.94	155,341.66	73,131.34	1,593.66	-	-	-	-
Sep-09	13,455.42	61,060.92	79,678.34	45,070.94	942.58	-	-	-	-
9-Oct	205.73	623.79	746.56	58.14	-	-	-	-	-
9-Nov	22.00	335.50	36.28	-	-	-	-	-	-
Eff 10/1/08	0.202	3.207	2.015	1.506	1.151	0.694	-	-	-
Eff 9/1/09	0.201	3.187	2.003	1.497	1.144	0.679	-	-	-
decrease in rates	(\$0.001)	(\$0.020)	(\$0.012)	(\$0.009)	(\$0.007)	(\$0.005)	-	-	-
Difference (decrease)	-124.80	-11,636.25	-9,501.20	-3,536.34	-53.05	0.00	-	-	-

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 7
Normalized Revenue adjustments:
Annualize rate decrease effective 9/1/09
Commercial
Chattanooga

Lakeview	1	2	3	4	5	6
Apr-09	135.57	-	18.00	-	7.00	
May-09	135.00	-	18.00	-	7.00	
Jun-09	135.10	-	18.00	-	7.00	
Jul-09	135.63	-	18.00	-	7.00	
Aug-09	137.00	-	18.00	-	7.00	
Sep-09	125.13	-	16.38	-	6.34	
eff 10/1/08	\$12.21	18.28	30.41	60.85	97.35	182.53
eff 9/1/09	\$12.14	18.16	30.22	60.47	96.74	181.40
decrease in rates	(\$0.07)	(\$0.12)	(\$0.19)	(\$0.38)	(\$0.61)	(\$1.13)
Difference (decrease)	-56.24	0.00	-20.21	0.00	-25.22	0.00
Total Difference						-101.67

Apr-09	405.20	959.80	126.00			
May-09	434.00	985.00	625.00			
Jun-09	399.00	801.00	666.00			
Jul-09	415.00	967.00	1,228.00			
Aug-09	414.00	1,009.00	919.00			
Sep-09	371.80	876.44	539.47			
eff 10/1/08	0.372	3.534	2.342	1.674	1.320	0.852
eff 9/1/09	0.369	3.512	2.328	1.664	1.312	0.846
decrease in rates	(\$0.003)	(\$0.022)	(\$0.014)	(\$0.010)	(\$0.008)	(\$0.006)
Difference (decrease)	-7.32	-123.16	-57.45	0.00	0.00	0.00
Total Difference						-187.93

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 7
Normalized Revenue adjustments:
Annualize rate decrease effective 9/1/09
Commercial
Chattanooga

Lone Oak

Apr-09	1.13
May-09	1.00
Jun-09	1.00
Jul-09	1.00
Aug-09	1.00
Sep-09	0.23
eff 10/1/08	\$32.76
eff 9/1/09	\$32.56
decrease in rates	(\$0.20)
Difference (decrease)	-1.07
	0.00

Total Difference

-1.07

Apr-09	-
May-09	-
Jun-09	1.00
Jul-09	-
Aug-09	1.00
Sep-09	0.77
eff 10/1/08	-
eff 9/1/09	4.120
decrease in rates	4.094
Difference (decrease)	(\$0.03)
	0.00

Total Difference

0.00

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 7
Normalized Revenue adjustments:
Annualize rate decrease effective 9/1/09
Commercial
Chattanooga

Suck Creek

Apr-09	4.53
May-09	4.00
Jun-09	4.00
Jul-09	4.00
Aug-09	4.00
Sep-09	0.93

eff 10/1/08	23.85	23.85
eff 9/1/09	23.70	23.70

decrease in rates	(\$0.15)	(\$0.15)

Difference (decrease)	-3.22	0.00

Total Difference -3.22

10.67 12.67

Apr-09	3.27	3.73
May-09	4.00	-
Jun-09	6.00	19.67
Jul-09	6.00	0.33
Aug-09	2.00	-
Sep-09	0.46	-

eff 10/1/08	-	3.444	2.583
eff 9/1/09	-	3.423	2.567

decrease in rates	(\$0.02)	(\$0.02)

Difference (decrease)	-0.70	-0.01

Total Difference -0.71

-34,519.25

Tennessee American Water Company
CAPD DR 1#15
Adjustment - Line 8
Normalized Revenue adjustments:

Adjustment for billing error - Construction Enterprises (attachment 8)

Billed to Construction Enterprises Apr 09-Sept 09	10,298.06
Billed to Cross Creek Villas Feb 26, 2010	10,298.06
JE to accrue adjustment to Construction Enterprises	(10,298.06)
Credit adjustment through account 222747 July 2010	
in the amount of \$10,298.06	

[09101] - Journal Entries

Functions Tools Help

Model (Y) ☐ Reverse or Void (R/V) ☐ IR

Document Type JE

Document Number/Co 260303 00026 Explanation Accr Billing Adj Pending Appr

G/L Date 03/31/10 Batch Number 4548762 Home BU

Remaining Ref 1

Skip to Line

Account No.	Subl/V0#T	Amount	Explanation 2
260205.401210		9,431.66	Billing Adj
260205.401210		866.40	Billing Adj
260205.241244		726.11	Billing Adj
260205.241244		233.38	Billing Adj
260205.403101		284.87	Billing Adj
260205.141000		11,462.42	Billing Adj

F5-Make New Model F6=%JE F15=Model JE's F13=Acct Master F24=More Keys MW

File Edit Functions Go Path Help

Path: Account: 240867-2 Name: Cross Creek Villas

Batch: @003 Bill Date: 2/25/2010
Service Address: 4025 OAKWOOD DR #SPKLR Trans #: 25133472

BILL DETAIL

Customer Account Information		Billing Summary	
Service To: Cross Creek Villas		----Prior Balance-----	
Account #: 26-0240867-2		Balance from last bill 125.00	
Premise #: 26-0092341		Payments as of Feb 26, 2010. -126.00	
		Total prior balance, Feb 26, 0.00	
		----Adjustments-----	
Billing Period & Meter Information		Prior Unbilled Water Sus 9431.66	
Billing Date: Feb 26, 2010		Chattanooga Sales Tax 233.38	
Billing Period: Jan 13 to Feb 11		State Sales Tax 726.11	
Next reading: Nov 10, 2010		Prior Unbilled Svc Chg 866.40	
Rate Type: Commercial		Total adjustments, Feb 26, 20 11257.55	
		----Current Water Charges----	

Refresh

EOS 5/27/10

OK Cancel

File Edit Functions Go Path Help



Path Account 222747-8 Name Construction Enterprises Inc

Bill Image

Batch @004 Bill Date 7/23/2010
Service Address 4025 OAKWOOD DR #SPKLR Trans # 26427810

BILL DETAIL

Customer Account Information		Billing Summary	
Service To: Construction Enterprise		---Prior Balance---	
4025 OAKWOOD DR SPKLR		Balance from last bill 6231.13	
Account #: 26-022747-8		Payments as of Jul 23, 2010.	-5414.66
Premise #: 26-0092341		Total prior balance, Jul 23,	816.47
		---Adjustments---	
Billing Period & Meter Information		Service Charge	-866.40
Billing Date: Jul 23, 2010		Water	-9431.66
		Chattanooga Sales Tax	-233.38
		State Sales Tax	-726.11
Rate Type: Commercial		Late Charge- Adj Com	-204.87
		Total adjustments, Jul 23, 28	-11462.42

Refresh

OK

Cancel

AWW Account Snapshot Path: CIS1380 Tennessee American (TNPR) Production

File Edit Functions Go Path Help

Path Account 222747-8 Name Construction Enterprises Inc

Bill Image

Batch @@004 Bill Date 7/23/2010

Service Address 4025 OAKWOOD DR #SPKLR Trans # 26427810

BILL DETAIL

Meter reads in current period:

----Other Current Charges----	
Late Payment Charge	42.89
Total other charges, Jul 23,	42.89
----Total Current Charges-----	
	-11462.42
----TOTAL AMOUNT DUE-----	
	-10603.96

The due date pertains to current charges only. Any past due balance should be paid immediately.

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Refresh

OK Cancel

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 9
Normalized Revenue adjustments:

Walden's Ridge Utility Dist - annualize rate increase:

prior rate	0.9375
rate adj 6/1/09	1.0572

usage at old rate	Usage at old rate*	Difference in rate	Add'l revenues
April 2009	41,019	0.1197	4,909.97
May 2009	40,644	0.1197	4,865.09
June 2009	7,196	0.1197	861.30
			10,636.36

***See attachment 9**



Tennessee American Water
1101 Broad Street
Chattanooga, TN 37402
amwater.com

P 423-755-7607
F 423-755-7634

June 1, 2009

Mr. Ron West
Walden's Ridge Utility District
3900 Taft Highway
Signal Mountain, TN 37377

Dear Ron:

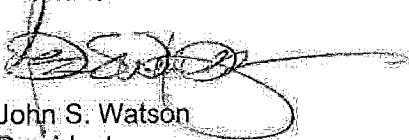
It is the goal of Tennessee American Water to provide the highest quality of water service at the lowest possible price. We have worked diligently to control operational expenses and have succeeded in keeping them at about the annual rate of inflation. While doing so, the company has continued to make the necessary investments to maintain the quality of the water system.

To continue to provide the best product possible, it became necessary for Tennessee American to increase water rates. Effective on June 1, 2009, the water rate charged by Tennessee American Water for service under the water purchase agreement with your water system dated July 14, 2003 will increase by 12.77% from \$1.25 per thousand gallons (\$0.9375 per hundred cubic feet) to \$1.41 per thousand gallons (\$1.0572 per hundred cubic feet) in accordance with the written order issued on January 13, 2009 by the Tennessee Regulatory Authority (TRA) in Case No. 2008-00039. Tennessee American Water affirms that the TRA has the ultimate jurisdiction regarding the pricing of water service under the contract between Walden's Ridge Utility District and Tennessee American Water Company and has the authority to determine the authorized rate adjustment after consideration of the cost of service study filed by the Company in the rate case filed with the TRA in 2008.

Tennessee American Water, in accordance with Rule 8.12 of the Rules, Regulations and Conditions of Water Service as approved by the TRA on March 23, 1988, must use the conversion factor used for conversion from hundred cubic feet to thousand gallons which shall be the basis for water consumption on the use of one cubic foot as being equivalent to seven and one-half (7.5) U. S. gallons.

Thank you for your cooperation and we look forward to continuing to serve your water needs.

Sincerely,



John S. Watson
President

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880
For Service To: 3900 TAFT HWY

Account Number: 26-0173363-3
Amount Due \$38,455.31
Due Date May 18, 2009

Walden's Ridge Utility Distric
3900 Taft Hwy
Signal Mtn TN 37377-1555

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880

Customer Account Information
Service To: Walden's Ridge Utility
3900 TAFT HWY
Account #: 26-0173363-3
Premise #: 26-0088981

Billing Summary
----Prior Balance-----
Balance from last bill 27904.69
Payments as of Apr 29, 2009. -27904.69
Total prior balance, Apr 29,
----Current Water Charges----
Water Volume (\$.937500 x 41,0 38455.31
Total water charges, Apr 29, 38455.31
----Total Current Charges---- 38455.31
----TOTAL AMOUNT DUE----- 38455.31

Billing Period & Meter Information
Billing Date: Apr 29, 2009
Billing Period: Mar 24 to Apr 27
Next reading: Oct 22, 2010
Rate Type: Sales For Resale

Meter reads in current period:

Meter Number 070153065T
Present-actual 900733
Last-actual 878844
Meter Number 070153064T
Present-actual 595914
Last-actual 576784
100 Cubic Feet used 41019
1 cu.ft. = approx 7.50 gallons
Gallons used 30764250

* If you need assistance with service related issues or billing inquiries, please contact our 24 hour Customer Service by calling 1-866-736-6420. If you cannot resolve your issue at this level and wish to

present your concerns directly to the Lone Oak Utility District Board, meetings are held the first Thursday of each month beginning at 6:30 P.M. at the Lone Oak Community Center. You may also call the Lone Oak Utility District office at 423-886-3884.

Give to Project Water Help - Add exactly \$1.00.

* For your convenience, we have payment locations at: three EPB locations, 10 W MLK Blvd; 5736 Brainerd Rd, 2124 N Point Blvd; Belvoir Pharmacy, 4501

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880
For Service To: 3900 TAFT HWY

Account Number: 26-0173363-3
Amount Due \$38,103.75
Due Date Jun 16, 2009

Walden's Ridge Utility Distric
3900 Taft Hwy
Signal Mtn TN 37377-1555

Tennessee American Water
PO Box 371880
Pittsburgh PA 15250-7880

Customer Account Information
Service To: Walden's Ridge Utility
3900 TAFT HWY
Account #: 26-0173363-3
Premise #: 26-0088981

Billing Summary
----Prior Balance-----
Balance from last bill 38455.31
Payments as of May 29, 2009. -38455.31
Total prior balance, May 29,
----Current Water Charges----
Water Volume (\$.937500 x 40,6 38103.75
Total water charges, May 29, 38103.75
----Total Current Charges---- 38103.75
----TOTAL AMOUNT DUE----- 38103.75

Billing Period & Meter Information
Billing Date: May 29, 2009
Billing Period: Apr 27 to May 26
Next reading: Oct 22, 2010
Rate Type: Sales For Resale

Meter reads in current period:

Meter Number 070153065T
Present-actual 922454
Last-actual 900733
Meter Number 070153064T
Present-actual 614837
Last-actual 595914
100 Cubic Feet used 40644
1 cu.ft. = approx 7.50 gallons
Gallons used 30483000

* If you need assistance with service related issues or billing inquiries, please contact our 24 hour Customer Service by calling 1-866-736-6420. If you cannot resolve your issue at this level and wish to

present your concerns directly to the Lone Oak Utility District Board, meetings are held the first Thursday of each month beginning at 6:30 P.M. at the Lone Oak Community Center. You may also call the Lone Oak Utility District office at 423-886-3884.

Give to Project Water Help - Add exactly \$1.00.

* For your convenience, we have payment locations at: three EPB locations, 10 W MLK Blvd; 5736 Brainerd Rd, 2124 N Point Blvd; Belvoir Pharmacy, 4501

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880
 For Service To: 3900 TAFT HWY

Account Number: 26-0173363-3
 Amount Due \$43,259.88
 Due Date Jul 17, 2009

Walden's Ridge Utility Distric
 3900 Taft Hwy
 Signal Mtn TN 37377-1555

Tennessee American Water
 PO Box 371880
 Pittsburgh PA 15250-7880

Customer Account Information	Billing Summary
Service To: Walden's Ridge Utility	----Prior Balance-----
3900 TAFT HWY	Balance from last bill 38103.75
Account #: 26-0173363-3	Payments as of Jun 29, 2009. -38103.75
Premise #: 26-0088981	Total prior balance, Jun 29,
	----Current Water Charges----
Billing Period & Meter Information	Water Volume (\$.937500 x 7,19 6745.80
Billing Date: Jun 29, 2009	Water Volume (\$1.057200 x 34, 36514.08
Billing Period: May 26 to Jun 24	Total Use Billed 41,734 43259.88
Next reading: Oct 22, 2010	
Rate Type: Sales For Resale	----Total Current Charges---- 43259.88
Meter reads in current period:	----TOTAL AMOUNT DUE----- 43259.88
Meter Number 070153065T	
Present-actual 944776	
Last-actual 922454	
Meter Number 070153064T	
Present-actual 634249	
Last-actual 614837	
100 Cubic Feet used 41734	
1 cu.ft. = approx 7.50 gallons	
Gallons used 31300500	

* If you need assistance with service related issues or billing inquiries, please contact our 24 hour Customer Service by calling 1-866-736-6420. If you cannot resolve your issue at this level and wish to

present your concerns directly to the Lone Oak Utility District Board, meetings are held the first Thursday of each month beginning at 6:30 P.M. at the Lone Oak Community Center. You may also call the Lone Oak Utility District office at 423-886-3884.

Give to Project Water Help - Add exactly \$1.00.

* For your convenience, we have payment locations at: three EPB locations, 10 W MLK Blvd; 5736 Brainerd Rd, 2124 N Point Blvd; Belvoir Pharmacy, 4501

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 10
Normalized Revenue adjustments:

Annualization of other revenues:

**TENNESSEE-AMERICAN
OTHER REVENUES**

SEWER BILLING

	<u>Normalized</u>	<u>Customers added</u> <u>Amt Per Class</u>
Total Residential Class	-	-
Total Commercial Class	-	-
Total Industrial Class	-	-
Total Other Public Authority	-	-
Total Other Water Utility Cla	-	-
total number of customers	0.405	-
Times \$405	-	-

<u>Attrition</u>	<u>Amt Per Class</u>
4,836	1,959
930	377
-	-
-	-
-	-
5,766	-
0.405	-
2,335	2,335

LATE PAYMENT PENALTIES

@ 3/31/10

Late Payment Penalty	317,926	attachment 11
Divided Total Sales of Water	36,053,695	attachment 11
Late payment adjustment ratio	0.008818113	

	<u>Test Year</u> <u>Adjustments</u> <u>Present Rates</u>	<u>Attrition Year</u> <u>Adjustments</u>
Total Sales of Water	(502,537)	228,162
Exhibit No. 2, Schedule 2		attachment 11
Ratio	0.008818113	0.008818113
Times ratio	(4,431)	2,012
	(4,431)	4,347

To Operating Revenues Tab	Test Year	Normalized	Attrition
Chattanooga	723,375	0	727,858
Lookout Mountain	22,670	0	22,812
Lakeview	33,499	0	33,710
Lone Oak	1,441	0	1,441
Suck Creek	2,545	0	2,545
Total Residential Class	0	4,836	
Chattanooga	98,296	0	99,198
Lookout Mountain	1,023	0	1,033
Lakeview	1,941	0	1,959
Lone Oak	17	0	17
Suck Creek	49	0	49
Total Commercial Class	0	930	
Chattanooga	1,886	0	1,886
Lookout Mountain	0	0	0
Lakeview	0	0	0
Total Industrial Class	0	0	
Chattanooga	8,345	0	8,345
Lookout Mountain	388	0	388
Lakeview	108	0	108
Total Other Public Authority	0	0	
Chattanooga	48	0	48
Lookout Mountain	0	0	0
Lakeview	0	0	0
Total Other Water Utility Class	0	0	

**Tennessee Regulatory Authority
Residential Class
Company : Tennessee-American Water Company
Case No. :**

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Tennessee Regulatory Authority
Residential Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending March 31, 2010
Exhibit No 4, Schedule 2
Page No. 2 of 13

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Revenues	Rate	Billing Determine	Revenues	Rate	Billing Determine	Revenues	Rate	Billing Determine	Revenues	Rate
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	33,461	408,553	12.21	33,461	408,553	12.21	33,672	411,129	12.21	33,672	466,014	13.84
7	3/4 - inch meter	0	0	18.28	0	0	18.28	-	-	18.28	-	0	23.25
8	1 - inch meter	38	1,169	30.41	38	1,169	30.41	38	1,169	30.41	38	1,487	38.68
9	1 1/2 - inch meter	0	0	60.85	0	0	60.85	-	-	60.85	-	0	77.40
10	2 - inch meter	0	0	97.35	0	0	97.35	-	-	97.35	-	0	123.83
11	3 - inch meter	0	0	182.53	0	0	182.53	-	-	182.53	-	0	232.18
12	4 - inch meter	0	0	304.23	0	0	304.23	-	-	304.23	-	0	386.98
13	6 - inch meter	0	0	608.47	0	0	608.47	-	-	608.47	-	0	773.97
14	8 - inch meter	0	0	973.53	0	0	973.53	-	-	973.53	-	0	1,238.33
15	Total Meters	33,499	409,722		33,499	409,722		33,710	412,298		33,710	467,501	
16													
17	Volumetric												
18	First 400 Cubic Feet	107,248	39,896	0.372	107,248	39,896	0.372	108,092	40,210	0.372	108,092	127,506	1.180
19	Next 6,100 Cubic Feet	77,557	274,086	3.534	73,507	259,773	3.534	73,824	260,894	3.534	73,824	370,345	5.017
20	Next 43,500 Cubic Feet	704	1,649	2.342	704	1,649	2.342	704	1,649	2.342	704	2,412	3.427
21	Next 450,000 Cubic Feet	0	0	1.674	0	0	1.674	-	-	1.674	-	0	2.789
22	Next 1,000,000 Cubic Feet	0	0	1.320	0	0	1.320	-	-	1.320	-	0	2.342
23	All Over 1,500,000 Cubic Feet	0	0	0.852	0	0	0.852	-	-	0.852	-	0	1.840
24	Lakeview Amount	185,509	725,353		181,459	711,040		182,620	715,051		182,620	967,764	
25													
26	Lone Oak												
27	5/8 - inch meter	1,441	47,215	32.76	1,441	47,215	32.76	1,441	47,215	32.76	1,441	40,412	28.04
28	3/4 - inch meter	0	0	32.76	0	0	32.76	-	-	32.76	-	0	23.25
29	1 - inch meter	0	0	32.76	0	0	32.76	-	-	32.76	-	0	38.68
30	1 1/2 - inch meter	0	0	32.76	0	0	32.76	-	-	32.76	-	0	77.40
31	2 - inch meter	0	0	32.76	0	0	32.76	-	-	32.76	-	0	123.83
32	3 - inch meter	0	0	32.76	0	0	32.76	-	-	32.76	-	0	232.18
33	4 - inch meter	0	0	32.76	0	0	32.76	-	-	32.76	-	0	386.98
34	6 - inch meter	0	0	32.76	0	0	32.76	-	-	32.76	-	0	773.97
35	8 - inch meter	0	0	32.76	0	0	32.76	-	-	32.76	-	0	1,238.33
36	Total Meters	1,441	47,215		1,441	47,215		1,441	47,215		1,441	40,412	
37													
38	Volumetric												
39	First 2.67 (100 CCF)	3,211	0	0.000	3,211	0	0.000	3,211	0	0.000	3,211	5,224	1.180
40	In Excess 2.67 (100 CCF)	4,226	17,411	4.1200	4,226	17,411	4.1200	4,226	17,411	4.1200	4,226	15,090	5.017
41												0	
42													
43	First 400 Cubic Feet											5,224	1.180
44	Next 6,100 Cubic Feet											15,090	5.017
45	Next 43,500 Cubic Feet											0	
46	Lone Oak Amount	7,437	64,626		7,437	64,626		7,437	64,626		7,437	60,726	

Tennessee Regulatory Authority
Commercial Class
Company : Tennessee-American Water Company
Case No. :
Test Year Twelve Months Ending March 31, 2010
Exhibit No. 4, Schedule 2
Page No. 4 of 13

Attrition Year Revenues at Current and Proposed Rates

Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
5	Chattanooga												
6	5/8 - inch meter	61,845	10.81	\$668,544	61,845	10.81	\$668,544	61,845	10.81	\$668,544	61,845	13.84	\$855,934
7	3/4 - inch meter	1,621	18.16	29,429	1,621	18.16	29,429	1,621	18.16	29,429	1,621	23.25	37,678
8	1 - inch meter	16,816	30.22	508,178	16,816	30.22	508,178	17,718	30.22	535,437	17,718	38.68	685,331
9	1 1/2 - inch meter	4,283	60.47	259,022	4,283	60.47	259,022	4,283	60.47	259,022	4,283	77.40	331,642
10	2 - inch meter	12,802	96.74	1,238,432	12,802	96.74	1,238,432	12,802	96.74	1,238,432	12,802	123.83	1,585,228
11	3 - inch meter	472	181.40	85,651	472	181.40	85,651	472	181.40	85,651	472	232.18	109,628
12	4 - inch meter	289	302.34	87,447	289	302.34	87,447	289	302.34	87,447	289	386.98	111,928
13	6 - inch meter	144	604.69	87,075	144	604.69	87,075	144	604.69	87,075	144	773.97	111,452
14	8 - inch meter	24	967.50	23,284	24	967.50	23,284	24	967.50	23,284	24	1,238.33	29,802
15	Total Meters	98,296		2,987,062	98,296		2,987,062	98,198		3,014,321	99,198		3,858,523
17	Volumetric												
18	First 400 Cubic Feet	261,144	0.201	52,490	261,144	0.201	52,490	264,752	0.201	53,215	264,752	0.283	74,925
19	Next 6,100 Cubic Feet	1,182,457	3.187	3,768,489	1,182,457	3.187	3,768,489	1,214,027	3.187	3,869,103	1,214,027	4.120	5,001,790
20	Next 43,500 Cubic Feet	1,578,059	2.003	3,160,863	1,578,059	2.003	3,160,863	1,574,929	2.003	3,154,583	1,574,929	2.530	3,984,571
21	Next 450,000 Cubic Feet	794,410	1.497	1,189,232	794,410	1.497	1,189,232	794,410	1.497	1,189,232	794,410	1.892	1,503,024
22	Next 1,000,000 Cubic Feet	12,676	1.144	14,501	12,676	1.144	14,501	12,676	1.144	14,501	12,676	1.445	18,317
23	All Over 1,500,000 Cubic Feet	0	0.679	0	0	0.679	0	0	0.679	0	0	0.943	0
24	Chattanooga Amount	3,828,746		11,172,627	3,825,616		11,166,357	3,860,794		11,294,955	3,860,794		14,441,150
26	Lookout Mountain												
27	5/8 - inch meter	638	12.14	7,747	638	12.14	7,747	638	12.14	7,747	638	13.84	8,832
28	3/4 - inch meter	24	18.16	436	24	18.16	436	24	18.16	436	24	23.25	558
29	1 - inch meter	230	30.22	6,954	230	30.22	6,954	240	30.22	7,256	240	38.68	9,287
30	1 1/2 - inch meter	36	60.47	2,177	36	60.47	2,177	36	60.47	2,177	36	77.40	2,786
31	2 - inch meter	95	96.74	9,203	95	96.74	9,203	95	96.74	9,203	95	123.83	11,780
32	3 - inch meter	0	181.40	0	0	181.40	0	0	181.40	0	0	232.18	0
33	4 - inch meter	0	302.34	0	0	302.34	0	0	302.34	0	0	386.98	0
34	6 - inch meter	0	604.69	0	0	604.69	0	0	604.69	0	0	773.97	0
35	8 - inch meter	0	967.50	0	0	967.50	0	0	967.50	0	0	1,238.33	0
36	Total Meters	1,023		25,517	1,023		25,517	1,033		26,819	1,033		33,243
38	Volumetric												
39	First 400 Cubic Feet	2,776	0.748	2,076	2,776	0.748	2,076	2,816	0.748	2,106	2,816	1.180	3,321
40	Next 6,100 Cubic Feet	15,249	4.105	62,596	15,249	4.105	62,596	15,576	4.105	63,938	15,576	5.017	78,137
41	Next 43,500 Cubic Feet	14,262	2.921	41,659	14,231	2.921	41,568	14,231	2.921	41,568	14,231	3.427	48,763
42	Next 450,000 Cubic Feet	5,221	2.042	10,661	5,221	2.042	10,661	5,221	2.042	10,661	5,221	2.789	14,559
43	Next 1,000,000 Cubic Feet	0	1.691	0	0	1.691	0	0	1.691	0	0	2.342	0
44	All Over 1,500,000 Cubic Feet	0	1.225	0	0	1.225	0	0	1.225	0	0	1.840	0
45	Lookout Mountain Amount	37,507		143,509	37,476		143,418	37,843		145,092	37,843		178,023

Tennessee Regulatory Authority
Commercial Class
Company : Tennessee-American Water Company
Case No. :
Test Year Twelve Months Ending March 31, 2010
Exhibit No. 4, Schedule 2
Page No. 5 of 13

Attrition Year Revenues at Current and Proposed Rates

Line No.		Per Books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	1,641	12.14	19,917	1,641	12.14	19,917	1,641	12.14	19,917	1,641	13.84	22,706
7	3/4 - inch meter	0	18.16	0	0	18.16	0	0	18.16	0	0	23.25	0
8	1 - inch meter	216	30.22	6,529	216	30.22	6,529	234	30.22	7,073	234	38.68	9,054
9	1 1/2 - inch meter	0	60.47	0	0	60.47	0	0	60.47	0	0	77.40	0
10	2 - inch meter	84	96.74	8,126	84	96.74	8,126	84	96.74	8,126	84	123.83	10,402
11	3 - inch meter	0	181.40	0	0	181.40	0	0	181.40	0	0	232.18	0
12	4 - inch meter	0	302.34	0	0	302.34	0	0	302.34	0	0	386.98	0
13	6 - inch meter	0	604.69	0	0	604.69	0	0	604.69	0	0	773.97	0
14	8 - inch meter	0	967.50	0	0	967.50	0	0	967.50	0	0	1,238.33	0
15	Total Meters	1,941		34,572	1,941		34,572	1,959		35,116	1,959		42,162
16													
17	Volumetric												
18	First 400 Cubic Feet	4,962	0.369	1,831	4,962	0.369	1,831	5,034	0.369	1,858	5,034	1.180	5,938
19	Next 6,100 Cubic Feet	11,405	3.512	40,056	11,405	3.512	40,056	11,542	3.512	40,537	11,542	5.017	57,904
20	Next 43,500 Cubic Feet	6,182	2.328	14,392	6,182	2.328	14,351	6,164	2.328	14,351	6,164	3.427	21,123
21	Next 450,000 Cubic Feet	0	1.664	0	0	1.664	0	0	1.664	0	0	2.789	0
22	Next 1,000,000 Cubic Feet	0	1.312	0	0	1.312	0	0	1.312	0	0	2.342	0
23	All Over 1,500,000 Cubic Feet	0	0.846	0	0	0.846	0	0	0.846	0	0	1.840	0
24	Lakeview Amount	22,550		90,851	22,532		90,810	22,741		91,862	22,741		127,127
25													
26	Lone Oak												
27	5/8 - inch meter	17	32.56	568	17	32.56	568	17	32.56	568	17	28.04	489
28	3/4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	23.25	0
29	1 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	38.68	0
30	1 1/2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	77.40	0
31	2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	123.83	0
32	3 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	232.18	0
33	4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	386.98	0
34	6 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	773.97	0
35	8 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	1,238.33	0
36	Total Meters	17		568	17		568	17		568	17		489
37													
38	Volumetric												
39	First 2.67 (100 CCF)	11	0.000	0	11	0.000	0	11	0.000	0	11	1.180	14
40	In Excess 2.67 (100 CCF)	2	4.094	10	2	4.094	10	2	4.094	10	2	5.017	5
41													0
42													
43	First 400 Cubic Feet												
44	Next 6,100 Cubic Feet												
45	Next 43,500 Cubic Feet												
46	Lone Oak Amount	13		578	13		578	13		578	13		508

Line No.		Per books			Normalized		Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Revenues	Rates	Revenues	
1												
2												
3												
4												
5	Suck Creek											
6	5/8 - inch meter	49	23.70	1,150	49	23.70	1,150	49	23.70	1,150	49	928
7	3/4 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	0
8	1 - inch meter	0	23.70	0	0	23.70	0	0	23.70	0	0	19.13
9	1 1/2 - inch meter	0	23.70	0	0	23.70	0	0	23.70	0	0	19.13
10	2 - inch meter	0	23.70	0	0	23.70	0	0	23.70	0	0	19.13
11	3 - inch meter	0	23.70	0	0	23.70	0	0	23.70	0	0	19.13
12	4 - inch meter	0	23.70	0	0	23.70	0	0	23.70	0	0	19.13
13	6 - inch meter	0	23.70	0	0	23.70	0	0	23.70	0	0	19.13
14	8 - inch meter	0	23.70	0	0	23.70	0	0	23.70	0	0	19.13
15	Total Meters	49		1,150	49		1,150	49		1,150	49	928
16												
17	Volumetric											
18	First	39	0.000	0	39	0.000	-	39	0.000	-	39	
19	Next	56	3.423	192	56	3.423	192	56	3.423	192	56	
20	All Over	49	2.567	125	49	2.567	125	49	2.567	125	49	
21												
22												
23	First											70
24	Next											5.017
25	Next											3.427
26	Suck Creek Amount	144		1,467	144		1,467	144		1,467	144	1,424
27												
28	Total Gross	3,888,960		11,409,032	3,885,781		11,402,630	3,921,535		11,533,964	3,921,535	14,748,232
29	Proration adjustment/billing adj 3/10			24,221								
30	Less: Correction & Allowances	(11,202)		(416)	(11,202)		(416)	(11,202)		(416)	(11,202)	(532)
31	Net Amount	3,900,162		11,433,669	3,896,983		11,403,046	3,932,737		11,534,370	3,932,737	14,748,764
32	Net Amt. Per Revenue Summary	3,900,531		11,433,647	3,897,353		11,403,023	3,933,111		11,534,347	3,933,111	14,748,735
33	Difference	(369)		22	(370)		23	(374)		23	(374)	29
34	Percent Difference	-0.0095%		0.0002%	-0.0095%		0.0002%	-0.0095%		0.0002%	-0.0095%	0.0002%

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	0	12.21	0	0	12.21	0	12.21	12.21	-	-	13.84	0
7	3/4 - inch meter	0	18.28	0	0	18.28	0	18.28	18.28	-	-	23.25	0
8	1 - inch meter	0	30.41	0	0	30.41	0	30.41	30.41	-	-	38.68	0
9	1 1/2 - inch meter	0	60.85	0	0	60.85	0	60.85	60.85	-	-	77.40	0
10	2 - inch meter	0	97.35	0	0	97.35	0	97.35	97.35	-	-	123.83	0
11	3 - inch meter	0	182.53	0	0	182.53	0	182.53	182.53	-	-	232.18	0
12	4 - inch meter	0	304.23	0	0	304.23	0	304.23	304.23	-	-	386.88	0
13	6 - inch meter	0	608.47	0	0	608.47	0	608.47	608.47	-	-	773.97	0
14	8 - inch meter	0	973.53	0	0	973.53	0	973.53	973.53	-	-	1,238.33	0
15													
16	Total Meters	0	0	0	0	0	0	0	0	-	-	0	0
17	Volumetric												
18	First 400 Cubic Feet	0	0.372	0	0	0.372	0	0.372	0.372	-	-	1.180	0
19	Next 6,100 Cubic Feet	0	3.534	0	0	3.534	0	3.534	3.534	-	-	5.017	0
20	Next 43,500 Cubic Feet	0	2.342	0	0	2.342	0	2.342	2.342	-	-	3.427	0
21	Next 450,000 Cubic Feet	0	1.674	0	0	1.674	0	1.674	1.674	-	-	2.789	0
22	Next 1,000,000 Cubic Feet	0	1.320	0	0	1.320	0	1.320	1.320	-	-	2.342	0
23	All Over 1,500,000 Cubic Feet	0	0.852	0	0	0.852	0	0.852	0.852	-	-	1.840	0
24	Lakeview Amount	0		0	0					-	-		0
25													
26	Total Gross	2,563,248		3,405,193		3,405,193		2,563,248		3,405,193		2,563,248	4,346,914
27	Proration adjustment												
28	Less: Correction & Allowances	512		3,032		3,032		512		3,032		512	3,870
29	Net Amount	2,562,736		3,402,161		3,402,161		2,562,736		3,402,161		2,562,736	4,343,044
30	Net Amt. Per Revenue Summary	2,561,716		3,401,964		3,401,964		2,561,716		3,401,964		2,561,716	4,342,792
31	Difference	1,020		186		197		1,020		197		1,020	252
32	Percent Difference	0.0398%		0.0058%		0.0058%		0.0398%		0.0058%		0.0398%	0.0058%

Tennessee Regulatory Authority
Other Water Utility Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending March 31, 2010
Exhibit No. 4, Schedule 2
Page No. 11 of 13

Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1		48		12,174	48		12,174	48		12,174	48		15,485
2													
3													
4													
5	Chattanooga												
6	5/8 - inch meter	0	10.88	\$0	-	10.88	\$0	-	10.88	\$0	0	13.84	\$0
7	3/4 - inch meter	0	18.28	0	-	18.28	0	-	18.28	-	-	23.25	0
8	1 - inch meter	0	30.41	0	-	30.41	-	-	30.41	-	-	38.68	0
9	1 1/2 - inch meter	0	60.85	0	-	60.85	-	-	60.85	-	-	77.40	0
10	2 - inch meter	12	97.35	1,181	12	97.35	1,181	12	97.35	1,181	12	123.83	1,502
11	3 - inch meter	0	182.53	0	-	182.53	-	-	182.53	-	-	232.18	0
12	4 - inch meter	36	304.23	10,993	36	304.23	10,993	36	304.23	10,993	36	386.98	13,983
13	6 - inch meter	0	608.47	0	-	608.47	-	-	608.47	-	-	773.97	0
14	8 - inch meter	0	973.53	0	-	973.53	-	-	973.53	-	-	1,238.33	0
15	Total Meters	48		12,174	48		12,174	48		12,174	48		15,485
16													
17	Volumetric												
18	First 400 Cubic Feet	5	0.202	1	5	0.202	1	5	0.202	1	5	0.283	1
19	Next 6,100 Cubic Feet	1	3.207	3	1	3.207	3	1	3.207	3	1	4.120	4
20	Next 43,500 Cubic Feet	0	2.015	0	0	2.015	-	-	2.015	-	-	2.630	0
21	Next 450,000 Cubic Feet	0	1.506	0	0	1.506	-	-	1.506	-	-	1.892	0
22	Next 1,000,000 Cubic Feet	0	1.151	0	0	1.151	-	-	1.151	-	-	1.445	0
23	All Over 1,500,000 Cubic Feet	0	0.684	0	0	0.684	-	-	0.684	-	-	0.943	0
24	Ft. Oglethorpe	469,025	0.9353	427,124	469,025	0.9353	438,679	469,025	0.9353	438,679	469,025	1.1940	560,016
25	Catoosa Co	27,241	0.9353	25,479	27,241	0.9353	25,479	27,241	0.9353	25,479	27,241	1.1940	32,526
26	Signal Mtn	415,455	0.8977	360,574	415,455	0.8977	372,954	415,455	0.8977	372,954	415,455	1.1460	475,111
27	Walden's Ridge	434,358	1.0572	448,567	434,358	1.0572	459,203	434,358	1.0572	459,203	434,358	1.3500	586,383
28	Chattanooga Amount	1,346,085		1,274,022	1,346,085		1,308,493	1,346,085		1,308,493	1,346,085		1,670,526
29													
30	Lookout Mountain												
31	5/8 - inch meter	0	12.21	0	0	12.21	-	-	12.21	-	-	13.84	0
32	3/4 - inch meter	0	18.28	0	0	18.28	-	-	18.28	-	-	23.25	0
33	1 - inch meter	0	30.41	0	0	30.41	-	-	30.41	-	-	38.68	0
34	1 1/2 - inch meter	0	60.85	0	0	60.85	-	-	60.85	-	-	77.40	0
35	2 - inch meter	0	97.35	0	0	97.35	-	-	97.35	-	-	123.83	0
36	3 - inch meter	0	182.53	0	0	182.53	-	-	182.53	-	-	232.18	0
37	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	386.98	0
38	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	773.97	0
39	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	1,238.33	0
40	Total Meters	0		0	0		-	-		-	-		0
41													
42	Volumetric												
43	First 400 Cubic Feet	0	0.753	0	0	0.753	-	-	0.753	-	-	1.180	0
44	Next 6,100 Cubic Feet	0	4.131	0	0	4.131	-	-	4.131	-	-	5.017	0
45	Next 43,500 Cubic Feet	0	2.939	0	0	2.939	-	-	2.939	-	-	3.427	0
46	Next 450,000 Cubic Feet	0	2.055	0	0	2.055	-	-	2.055	-	-	2.789	0
47	Next 1,000,000 Cubic Feet	0	1.701	0	0	1.701	-	-	1.701	-	-	2.342	0
48	All Over 1,500,000 Cubic Feet	0	1.233	0	0	1.233	-	-	1.233	-	-	1.840	0
49	Lookout Mountain Amount	0		0	0		-	-		-	-		0

Operating Revenues Per Books for the Test Year and
for the Attrition Year under both Present and Proposed Rates

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

Test Year: Twelve Months Ended: March 31, 2010
Exhibit No. 2, Schedule 2
Page 1 of 1

Line No.	Description	Per Books 12 Months Ended 3/31/10	Test Year Adjustments Present Rates	Normalized Test Year	Attrition Year Adjustments	Attrition Year at Present Rates	Adjustments for Proposed Rates	Attrition Year at Proposed Rates
1	Sales of Water							
2								
3	Metered Sales to General Customers							
4								
5	Residential	\$15,613,436	(\$453,784)	\$15,159,652	\$83,545	\$15,243,197	\$4,220,880	\$19,464,077
6								
7	Commercial	11,512,840	(109,816)	11,403,023	131,323	11,534,346	\$3,214,388	14,748,734
8								
9	Industrial	3,400,242	1,722	3,401,964	0	3,401,964	\$940,828	4,342,792
10								
11	Other Public Authorities	2,556,475	(222)	2,556,253	0	2,556,253	\$678,596	3,234,849
12								
13	Sales for Resale	1,248,931	59,562	1,308,493	0	1,308,493	\$362,033	1,670,526
14								
15	Private Fire Service	1,721,772	0	1,721,772	13,294	1,735,066	479,784	2,214,850
16								
17	Miscellaneous	0	0	0	0	0	0	0
18								
19	Total Sales of Water	36,053,695	(502,537)	35,551,158	228,162	35,779,320	9,896,509	45,675,829
20								
21	Other Operating Revenues							
22								
23	Activity / New Service Fees	267,248	0	267,248	0	267,248	0	267,248
24								
25	Late Payment Penalty	317,926	(4,431)	313,495	2,012	315,507	87,269	402,776
26								
27	Rents from Water Property	170,861	0	170,861	0	170,861	0	170,861
28								
29	Sewer Billing Revenues	424,667	0	424,667	2,335	427,002	0	427,002
30								
31	Miscellaneous	72,368	66	72,435	0	72,435	0	72,435
32								
33	Reconnection Fee	264,083	0	264,083	0	264,083	0	264,083
34								
35	Total Other Operating Revenues	1,517,153	(4,365)	1,512,788	4,347	1,517,135	87,269	1,604,404
36								
37								
38								
39	Total Operating Revenues	37,570,848	(506,902)	37,063,946	232,509	37,296,455	9,983,778	47,280,233
40								
41								
42								
43								
44								
45								

Tennessee American Water Company

TRA DR 2 Question 2

Adjustment - Line 17

Attrition year Revenue adjustments:

Difference in bill analysis & reported revenues

Represents the difference in the tolerance factor amount from normalized to attrition year revenues:

Tolerance factor revenue difference normalized test period- attachment 12	Residential (925)	Commercial 23	Industrial 197	OPA (15)	OWU (0)
Tolerance factor revenue difference attrition year test period- attachment 12	(930)	23	197	(15)	(0)
	5	0	0	0	(0)
					5

Test Year Twelve Months Ending March 31, 2010
Exhibit No 4, Schedule 2
Page No. 1 of 13

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determineate	Rates	Revenues	Billing Determineate	Rates	Revenues	Billing Determineate	Rates	Revenues	Billing Determineate	Rates	Revenues
1													
2													
3													
4													
5	Chattanooga												
6	5/8 - inch meter	720,015	10.88	\$7,833,768	720,015	10.88	\$7,833,768	724,498	10.88	\$7,892,543	724,498	13.84	\$10,027,058
7	3/4 - inch meter	1,089	18.28	19,911	1,089	18.28	19,911	1,089	18.28	19,911	1,089	23.25	25,324
8	1 - inch meter	1,949	30.41	59,257	1,949	30.41	59,257	1,949	30.41	59,257	1,949	38.68	75,372
9	1 1/2 - inch meter	207	60.85	12,598	207	60.85	12,598	207	60.85	12,598	207	77.40	16,024
10	2 - inch meter	114	97.35	11,104	114	97.35	11,104	114	97.35	11,104	114	123.83	14,125
11	3 - inch meter	1	182.53	134	1	182.53	134	1	182.53	134	1	232.18	170
12	4 - inch meter	0	304.23	0	0	304.23	0	0	304.23	0	0	386.98	0
13	6 - inch meter	0	608.47	0	0	608.47	0	0	608.47	0	0	773.97	0
14	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	0	0	1,238.33	0
15	Total Meters	723,375		7,936,772	723,375		7,936,772	727,658		7,985,547	727,658		10,155,073
16													
17	Volumetric												
18	First 400 Cubic Feet	2,277,055	0.202	459,965	2,277,055	0.202	459,965	2,294,987	0.202	463,587	2,294,987	0.283	649,481
19	Next 6,100 Cubic Feet	1,626,452	3.207	5,216,032	1,539,922	3.207	4,938,210	1,546,547	3.207	4,959,777	1,546,547	4.120	5,371,774
20	Next 43,500 Cubic Feet	62,450	2,015	125,836	62,450	2,015	125,836	62,450	2,015	125,836	62,450	2,530	157,998
21	Next 450,000 Cubic Feet	2,540	1,506	3,825	2,540	1,506	3,825	2,540	1,506	3,825	2,540	1,892	4,806
22	Next 1,000,000 Cubic Feet	0	1,151	0	0	1,151	0	0	1,151	0	0	1,445	0
23	All Over 1,500,000 Cubic Feet	0	0.684	0	0	0.684	0	0	0.684	0	0	0.943	0
24	Chattanooga Amount	3,968,497		13,742,430	3,881,987		13,464,608	3,906,524		13,538,572	3,906,524		17,342,132
25													
26	Lookout Mountain												
27	5/8 - inch meter	20,711	12.21	252,878	20,711	12.21	252,878	20,853	12.21	254,612	20,853	13.84	288,602
28	3/4 - inch meter	501	18.28	9,157	501	18.28	9,157	501	18.28	9,157	501	23.25	11,647
29	1 - inch meter	1,403	30.41	42,678	1,403	30.41	42,678	1,403	30.41	42,678	1,403	38.68	54,285
30	1 1/2 - inch meter	24	60.85	1,460	24	60.85	1,460	24	60.85	1,460	24	77.40	1,858
31	2 - inch meter	31	97.35	3,021	31	97.35	3,021	31	97.35	3,021	31	123.83	3,843
32	3 - inch meter	0	182.53	0	0	182.53	0	0	182.53	0	0	232.18	0
33	4 - inch meter	0	304.23	0	0	304.23	0	0	304.23	0	0	386.98	0
34	6 - inch meter	0	608.47	0	0	608.47	0	0	608.47	0	0	773.97	0
35	8 - inch meter	0	973.53	0	0	973.53	0	0	973.53	0	0	1,238.33	0
36	Total Meters	22,670		308,194	22,670		308,194	22,812		310,928	22,812		360,235
37													
38	Volumetric												
39	First 400 Cubic Feet	73,629	0.753	55,443	73,629	0.753	55,443	74,197	0.753	55,871	74,197	1.180	87,524
40	Next 6,100 Cubic Feet	132,138	4.131	545,860	127,300	4.131	525,875	128,124	4.131	529,279	128,124	5.017	642,745
41	Next 43,500 Cubic Feet	15,806	2,939	46,454	15,806	2,939	46,454	15,806	2,939	46,454	15,806	3,427	54,161
42	Next 450,000 Cubic Feet	56	2,055	115	56	2,055	115	56	2,055	116	56	2,789	166
43	Next 1,000,000 Cubic Feet	0	1,701	0	0	1,701	0	0	1,701	0	0	2,342	0
44	All Over 1,500,000 Cubic Feet	0	1.233	0	0	1.233	0	0	1.233	0	0	1.840	0
45	Lookout Mountain Amount	221,629		957,066	216,791		937,081	218,183		942,647	218,183		1,144,821
46													

Tennessee Regulatory Authority
Residential Class
Company : Tennessee-American Water Company
Case No. :

Attrition Year Revenues at Current and Proposed Rates

Test Year Twelve Months Ending March 31, 2010
Exhibit No 4, Schedule 2
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Line No.	Per books	Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine
1										
2										
3										
4										
5	Lakeview									
6	5/8 - inch meter	33,461	408,563	33,461	12.21	408,563	33,672	12.21	411,129	33,672
7	3/4 - inch meter	0	0	0	18.28	0	0	18.28	0	0
8	1 - inch meter	38	1,169	38	30.41	1,169	38	30.41	1,169	38
9	1 1/2 - inch meter	0	0	0	60.85	0	0	60.85	0	0
10	2 - inch meter	0	0	0	97.35	0	0	97.35	0	0
11	3 - inch meter	0	0	0	182.53	0	0	182.53	0	0
12	4 - inch meter	0	0	0	304.23	0	0	304.23	0	0
13	6 - inch meter	0	0	0	608.47	0	0	608.47	0	0
14	8 - inch meter	0	0	0	973.53	0	0	973.53	0	0
15	Total Meters	33,499	409,722	33,499		409,722	33,710		412,298	33,710
16										
17	Volumetric									
18	First 400 Cubic Feet	107,248	39,896	107,248	0.372	39,896	108,092	0.372	40,210	108,092
19	Next 6,100 Cubic Feet	77,557	274,086	73,507	3.534	259,773	73,824	3.534	260,894	73,824
20	Next 43,500 Cubic Feet	704	1,649	704	2.342	1,649	704	2.342	1,649	704
21	Next 450,000 Cubic Feet	0	0	0	1.874	0	0	1.874	0	0
22	Next 1,000,000 Cubic Feet	0	0	0	1.320	0	0	1.320	0	0
23	All Over 1,500,000 Cubic Feet	0	0	0	0.852	0	0	0.852	0	0
24	Lakeview Amount	185,509	725,353	181,459		711,040	182,620		716,051	182,620
25										
26	Lone Oak									
27	5/8 - inch meter	1,441	47,215	1,441	32.76	47,215	1,441	32.76	47,215	1,441
28	3/4 - inch meter	0	0	0	32.76	0	0	32.76	0	0
29	1 - inch meter	0	0	0	32.76	0	0	32.76	0	0
30	1 1/2 - inch meter	0	0	0	32.76	0	0	32.76	0	0
31	2 - inch meter	0	0	0	32.76	0	0	32.76	0	0
32	3 - inch meter	0	0	0	32.76	0	0	32.76	0	0
33	4 - inch meter	0	0	0	32.76	0	0	32.76	0	0
34	6 - inch meter	0	0	0	32.76	0	0	32.76	0	0
35	8 - inch meter	0	0	0	32.76	0	0	32.76	0	0
36	Total Meters	1,441	47,215	1,441		47,215	1,441		47,215	1,441
37										
38	Volumetric									
39	First 2.67 (100 CCF)	3,211	0	3,211	0.000	0	3,211	0.000	0	3,211
40	In Excess 2.67 (100 CCF)	4,226	17,411	4,226	4.1200	17,411	4,226	4.1200	17,411	4,226
41										
42										
43	First 400 Cubic Feet									
44	Next 6,100 Cubic Feet									
45	Next 43,500 Cubic Feet									
46	Lone Oak Amount	7,437	64,626	7,437		64,626	7,437		64,626	7,437

Tennessee Regulatory Authority
Commercial Class
Company : Tennessee-American Water Company
Case No. :
Test Year Twelve Months Ending March 31, 2010
Exhibit No. 4, Schedule 2
Page No. 5 of 13

Attrition Year Revenues at Current and Proposed Rates

Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
5	Lakeview	1,641	12.14	19,917	1,641	12.14	19,917	1,641	12.14	19,917	1,641	13.84	22,706
6	5/8 - inch meter	0	18.16	0	0	18.16	0	0	18.16	0	0	23.25	0
7	3/4 - inch meter	216	30.22	6,529	216	30.22	6,529	234	30.22	7,073	234	38.68	9,064
8	1 - inch meter	0	60.47	0	0	60.47	0	0	60.47	0	0	77.40	0
9	1 1/2 - inch meter	84	96.74	8,126	84	96.74	8,126	84	96.74	8,126	84	123.83	10,402
10	2 - inch meter	0	181.40	0	0	181.40	0	0	181.40	0	0	232.18	0
11	3 - inch meter	0	302.34	0	0	302.34	0	0	302.34	0	0	386.98	0
12	4 - inch meter	0	604.69	0	0	604.69	0	0	604.69	0	0	773.97	0
13	6 - inch meter	0	967.50	0	0	967.50	0	0	967.50	0	0	1,238.33	0
14	8 - inch meter	0			0			0			0		
15	Total Meters	1,941		34,572	1,941		34,572	1,959		35,116	1,959		42,162
17	Volumetric	4,962	0.369	1,831	4,962	0.369	1,831	5,034	0.369	1,868	5,034	1.180	5,938
18	First 400 Cubic Feet	11,405	3.612	40,066	11,405	3.612	40,066	11,542	3.612	40,537	11,542	5.017	57,904
19	Next 6,100 Cubic Feet	6,182	2.328	14,392	6,164	2.328	14,351	6,164	2.328	14,351	6,164	3.427	21,123
20	Next 43,500 Cubic Feet	0	1.664	0	0	1.664	0	0	1.664	0	0	2.789	0
21	Next 450,000 Cubic Feet	0	1.312	0	0	1.312	0	0	1.312	0	0	2.342	0
22	Next 1,000,000 Cubic Feet	0	0.846	0	0	0.846	0	0	0.846	0	0	1.840	0
23	All Over 1,500,000 Cubic Feet	0			0			0			0		
24	Lakeview Amount	22,550		90,851	22,532		90,810	22,741		91,862	22,741		127,127
26	Lone Oak	17	32.56	568	17	32.56	568	17	32.56	568	17	28.04	489
27	5/8 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	23.25	0
28	3/4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	38.68	0
29	1 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	77.40	0
30	1 1/2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	123.83	0
31	2 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	232.18	0
32	3 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	386.98	0
33	4 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	773.97	0
34	6 - inch meter	0	32.56	0	0	32.56	0	0	32.56	0	0	1,238.33	0
35	8 - inch meter	0			0			0			0		
36	Total Meters	17		568	17		568	17		568	17		489
37	Volumetric	11	0.000	0	11	0.000	0	11	0.000	0	11		
38	First 2.67 (100 CCF)	2	4.094	10	2	4.094	10	2	4.094	10	2		
39	In Excess 2.67 (100 CCF)												
40													
41													
42													
43	First 400 Cubic Feet										12	1.180	14
44	Next 6,100 Cubic Feet										1	5.017	5
45	Next 43,500 Cubic Feet												0
46	Lone Oak Amount	13		578	13		578	13		578	13		508

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing		Rates	Billing		Rates	Billing		Rates	Billing		Rates
		Determine	Revenues		Determine	Revenues		Determine	Revenues		Determine	Revenues	
1													
2													
3													
4													
5	Suck Creek												
6	5/8 - inch meter	49	23.70	1,150	49	23.70	1,150	49	23.70	1,150	49	19.13	928
7	3/4 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
8	1 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
9	1 1/2 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
10	2 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
11	3 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
12	4 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
13	6 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
14	8 - inch meter	0	23.70	0	0	23.70	-	-	23.70	-	-	19.13	0
15	Total Meters	49		1,150	49		1,150	49		1,150	49		928
16													
17	Volumetric												
18	First 2 (100 CCF)	39	0.000	0	39	0.000	-	-	0.000	-	-		
19	Next 10.67 (100 CCF)	56	3.423	192	56	3.423	192	56	3.423	192	56		
20	All Over 12.67 (100 CCF)	49	2.667	125	49	2.667	125	49	2.667	125	49		
21													
22													
23	First 400 Cubic Feet											1.180	70
24	Next 6,100 Cubic Feet											5.017	426
25	Next 43,600 Cubic Feet											3.427	0
26	Suck Creek Amount	144		1,467	144		1,467	144		1,467	144		1,424
27													
28	Total Gross	3,888,960		11,409,032		3,885,781	11,402,630	3,921,535		11,533,954	3,921,535		14,748,232
29	Proration adjustment/billing adj 3/10			24,221									
30	Less: Correction & Allowances	(11,202)		(416)		(11,202)	(416)	(11,202)		(416)	(11,202)		(532)
31	Net Amount	3,900,162		11,433,669		3,896,983	11,403,046	3,932,737		11,534,370	3,932,737		14,748,764
32	Net Amt. Per Revenue Summary	3,900,631		11,433,647		3,897,353	11,403,023	3,933,111		11,534,347	3,933,111		14,748,736
33	Difference	(369)		22		(370)	23	(374)		23	(374)		29
34	Percent Difference	-0.0095%		0.0002%		-0.0095%	0.0002%	-0.0095%		0.0002%	-0.0095%		0.0002%

Line No.		Per books				Normalized				Attrition Year at Present Rates				Attrition Year at Proposed Rates			
		Billing		Rates	Billing		Rates	Billing		Rates	Billing		Rates	Billing			
Determine	Determine	Revenues	Determine		Revenues	Determine		Revenues	Determine		Revenues	Determine		Revenues	Determine	Revenues	Determine
1																	
2																	
3																	
4																	
5	Chattanooga																
6	5/8 - inch meter	268	10.88	\$2,917	268	10.88	\$2,917	268	10.88	\$2,917	268	10.88	\$2,917	268	\$3,711		
7	3/4 - inch meter	25	18.28	457	25	18.28	457	25	18.28	457	25	18.28	457	25	581		
8	1 - inch meter	271	30.41	8,229	271	30.41	8,229	271	30.41	8,229	271	30.41	8,229	271	10,467		
9	1 1/2 - inch meter	79	60.85	4,815	79	60.85	4,815	79	60.85	4,815	79	60.85	4,815	79	6,125		
10	2 - inch meter	979	97.35	95,312	979	97.35	95,312	979	97.35	95,312	979	97.35	95,312	979	121,237		
11	3 - inch meter	0	182.53	0	0	182.53	-	0	182.53	-	0	182.53	-	0	232.18		
12	4 - inch meter	203	304.23	61,820	203	304.23	61,820	203	304.23	61,820	203	304.23	61,820	203	78,634		
13	6 - inch meter	61	608.47	37,178	61	608.47	37,178	61	608.47	37,178	61	608.47	37,178	61	773.97		
14	8 - inch meter	0	973.53	0	0	973.53	-	0	973.53	-	0	973.53	-	0	1,238.33		
15	Total Meters	1,886		210,728	1,886		210,728	1,886		210,728	1,886		210,728	1,886	268,045		
16																	
17	Volumetric																
18	First 400 Cubic Feet	4,987	0.202	1,007	4,987	0.202	1,007	4,987	0.202	1,007	4,987	0.202	1,007	4,987	0.283		
19	Next 6,100 Cubic Feet	48,999	3.207	157,140	48,999	3.207	157,140	48,999	3.207	157,140	48,999	3.207	157,140	48,999	4,120		
20	Next 43,500 Cubic Feet	220,492	2.015	444,292	220,492	2.015	444,292	220,492	2.015	444,292	220,492	2.015	444,292	220,492	2,530		
21	Next 450,000 Cubic Feet	856,123	1.506	1,289,321	856,123	1.506	1,289,321	856,123	1.506	1,289,321	856,123	1.506	1,289,321	856,123	1,892		
22	Next 1,000,000 Cubic Feet	691,165	1.151	795,631	691,165	1.151	795,631	691,165	1.151	795,631	691,165	1.151	795,631	691,165	998,733		
23	All Over 1,500,000 Cubic Feet	741,482	0.684	507,174	741,482	0.684	507,174	741,482	0.684	507,174	741,482	0.684	507,174	741,482	0.943		
24	Chattanooga Amount	2,563,248		3,405,193	2,563,248		3,405,193	2,563,248		3,405,193	2,563,248		3,405,193	2,563,248	4,346,914		
25																	
26	Lookout Mountain																
27	5/8 - inch meter	0	12.21	0	0	12.21	0	0	12.21	0	0	12.21	0	0	13.84		
28	3/4 - inch meter	0	18.28	0	0	18.28	0	0	17.51	0	0	17.51	0	0	23.25		
29	1 - inch meter	0	30.41	0	0	30.41	0	0	29.14	0	0	29.14	0	0	36.68		
30	1 1/2 - inch meter	0	60.85	0	0	60.85	0	0	58.30	0	0	58.30	0	0	77.40		
31	2 - inch meter	0	97.35	0	0	97.35	0	0	93.27	0	0	93.27	0	0	123.83		
32	3 - inch meter	0	182.53	0	0	182.53	0	0	174.89	0	0	174.89	0	0	232.18		
33	4 - inch meter	0	304.23	0	0	304.23	0	0	291.49	0	0	291.49	0	0	386.98		
34	6 - inch meter	0	608.47	0	0	608.47	0	0	582.99	0	0	582.99	0	0	773.97		
35	8 - inch meter	0	973.53	0	0	973.53	0	0	932.77	0	0	932.77	0	0	1,238.33		
36	Total Meters	0		0	0		0	0	-	-	-	-	-	-	0		
37																	
38	Volumetric																
39	First 400 Cubic Feet	0	0.753	0	0	0.753	0	0	0.753	0	0	0.753	0	0	1.180		
40	Next 6,100 Cubic Feet	0	4.131	0	0	4.131	0	0	4.131	0	0	4.131	0	0	5.017		
41	Next 43,500 Cubic Feet	0	2.939	0	0	2.939	0	0	2.939	0	0	2.939	0	0	3.427		
42	Next 450,000 Cubic Feet	0	2.056	0	0	2.056	0	0	2.056	0	0	2.056	0	0	2.789		
43	Next 1,000,000 Cubic Feet	0	1.701	0	0	1.701	0	0	1.701	0	0	1.701	0	0	2.342		
44	All Over 1,500,000 Cubic Feet	0	1.233	0	0	1.233	0	0	1.233	0	0	1.233	0	0	1.840		
45	Lookout Mountain Amount	0		0	0		0	0	-	-	-	-	-	-	0		
46																	

Line No.	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates			
	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	
1	0	12.21	0	0	12.21	0	-	-	12.21	-	-	13.84	0
2	0	18.28	0	0	18.28	0	-	-	18.28	-	-	23.25	0
3	0	30.41	0	0	30.41	0	-	-	30.41	-	-	38.68	0
4	0	60.85	0	0	60.85	0	-	-	60.85	-	-	77.40	0
5	0	97.36	0	0	97.36	0	-	-	97.36	-	-	123.83	0
6	0	182.53	0	0	182.53	0	-	-	182.53	-	-	232.18	0
7	0	304.23	0	0	304.23	0	-	-	304.23	-	-	386.98	0
8	0	608.47	0	0	608.47	0	-	-	608.47	-	-	773.97	0
9	0	973.53	0	0	932.77	0	-	-	973.53	-	-	1,238.33	0
10	0	0	0	0	0	0	-	-	-	-	-	-	0
11	0	0	0	0	0	0	-	-	-	-	-	-	0
12	0	0	0	0	0	0	-	-	-	-	-	-	0
13	0	0	0	0	0	0	-	-	-	-	-	-	0
14	0	0	0	0	0	0	-	-	-	-	-	-	0
15	0	0	0	0	0	0	-	-	-	-	-	-	0
16	0	0	0	0	0	0	-	-	-	-	-	-	0
17	0	0	0	0	0	0	-	-	0	-	-	-	0
18	0	0.372	0	0	0.372	0	-	-	0.372	-	-	1.180	0
19	0	3.534	0	0	3.534	0	-	-	3.534	-	-	5.017	0
20	0	2.342	0	0	2.342	0	-	-	2.342	-	-	3.427	0
21	0	1.874	0	0	1.874	0	-	-	1.874	-	-	2.789	0
22	0	1.320	0	0	1.320	0	-	-	1.320	-	-	2.342	0
23	0	0.852	0	0	0.852	0	-	-	0.852	-	-	1.840	0
24	0	0	0	0	0	0	-	-	-	-	-	-	0
25	0	0	0	0	0	0	-	-	-	-	-	-	0
26	2,563,248		3,405,193	2,563,248		3,405,193	2,563,248		3,405,193	2,563,248		4,346,914	
27	Proration adjustment												
28	Less: Correction & Allowances	512	3,032	512		3,032	512		3,032	512		3,870	
29	Net Amount	2,562,736	3,402,161	2,562,736		3,402,161	2,562,736		3,402,161	2,562,736		4,345,044	
30	Net Amt. Per Revenue Summary	2,561,716	3,401,965	2,561,716		3,401,964	2,561,716		3,401,964	2,561,716		4,342,792	
31	Difference	1,020	196	1,020		197	1,020		197	1,020		252	
32	Percent Difference	0.0398%	0.0058%	0.0398%		0.0058%	0.0398%		0.0058%	0.0398%		0.0058%	

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Tennessee Regulatory Authority
Other Water Utility Class
Company : Tennessee-American Water Company
Case No. :
Test Year Twelve Months Ending March 31, 2010
Exhibit No. 4, Schedule 2
Page No. 11 of 13

Attrition Year Revenues at Current and Proposed Rates

Line No.	Description	Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues	Billing Determinate	Rates	Revenues
1													
2													
3													
4	Chattanooga												
5	5/8 - inch meter	0	10.88	\$0	-	10.88	\$0	-	10.88	\$0	0	13.84	\$0
6	3/4 - inch meter	0	18.28	0	-	18.28	0	-	18.28	-	-	23.25	0
7	1 - inch meter	0	30.41	0	-	30.41	-	-	30.41	-	-	38.68	0
8	1 1/2 - inch meter	0	60.85	0	-	60.85	-	-	60.85	-	-	77.40	0
9	2 - inch meter	12	97.35	1,181	12	97.35	1,181	12	97.35	1,181	12	123.83	1,502
10	3 - inch meter	0	182.53	0	-	182.53	0	-	182.53	-	-	232.18	0
11	4 - inch meter	36	304.23	10,983	36	304.23	10,983	36	304.23	10,983	36	386.98	13,983
12	6 - inch meter	0	608.47	0	-	608.47	0	-	608.47	-	-	773.97	0
13	8 - inch meter	0	973.53	0	-	973.53	0	-	973.53	-	-	1,238.33	0
14	Total Meters	48		12,174	48		12,174	48		12,174	48		15,485
15													
16													
17	Volumetric												
18	First 400 Cubic Feet	5	0.202	1	5	0.202	1	5	0.202	1	5	0.283	1
19	Next 6,100 Cubic Feet	1	3.207	3	1	3.207	3	1	3.207	3	1	4.120	4
20	Next 43,500 Cubic Feet	0	2.015	0	0	2.015	-	-	2.015	-	-	2.530	0
21	Next 450,000 Cubic Feet	0	1.506	0	0	1.506	-	-	1.506	-	-	1.892	0
22	Next 1,000,000 Cubic Feet	0	1.161	0	0	1.161	-	-	1.161	-	-	1.445	0
23	All Over 1,500,000 Cubic Feet	0	0.684	0	0	0.684	-	-	0.684	-	-	0.943	0
24	Ft. Oglethorpe	459,025	0.9353	427,124	469,025	0.9353	438,679	469,025	0.9353	438,679	469,025	1.1940	560,016
25	Catoosa Co	27,241	0.9353	25,479	27,241	0.9353	25,479	27,241	0.9353	25,479	27,241	1.1940	32,526
26	Signal Mtn	415,455	0.8977	360,674	415,455	0.8977	372,964	415,455	0.8977	372,964	415,455	1.1460	476,111
27	Walden's Ridge	434,358	1.0572	448,567	434,358	1.0572	459,203	434,358	1.0572	459,203	434,358	1.3500	586,383
28	Chattanooga Amount			1,274,022			1,308,493			1,308,493			1,670,526
29													
30	Lookout Mountain												
31	5/8 - inch meter	0	12.21	0	0	12.21	-	-	12.21	-	-	13.84	0
32	3/4 - inch meter	0	18.28	0	0	18.28	-	-	18.28	-	-	23.25	0
33	1 - inch meter	0	30.41	0	0	30.41	-	-	30.41	-	-	38.68	0
34	1 1/2 - inch meter	0	60.85	0	0	60.85	-	-	60.85	-	-	77.40	0
35	2 - inch meter	0	97.35	0	0	97.35	-	-	97.35	-	-	123.83	0
36	3 - inch meter	0	182.53	0	0	182.53	-	-	182.53	-	-	232.18	0
37	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	-	386.98	0
38	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	-	773.97	0
39	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	-	1,238.33	0
40	Total Meters	0		0	0		-	-		-	-		0
41													
42	Volumetric												
43	First 400 Cubic Feet	0	0.753	0	0	0.753	-	-	0.753	-	-	1.180	0
44	Next 6,100 Cubic Feet	0	4.131	0	0	4.131	-	-	4.131	-	-	5.017	0
45	Next 43,500 Cubic Feet	0	2.939	0	0	2.939	-	-	2.939	-	-	3.427	0
46	Next 450,000 Cubic Feet	0	2.055	0	0	2.055	-	-	2.055	-	-	2.789	0
47	Next 1,000,000 Cubic Feet	0	1.701	0	0	1.701	-	-	1.701	-	-	2.342	0
48	All Over 1,500,000 Cubic Feet	0	1.233	0	0	1.233	-	-	1.233	-	-	1.840	0
49	Lookout Mountain Amount			0			-	-		-	-		0

Line No.		Per books			Normalized			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues	Billing Determine	Rates	Revenues
1													
2													
3													
4													
5	Lakeview												
6	5/8 - inch meter	0	12.21	0	0	12.21	-	-	12.21	-	13.84	0	0
7	3/4 - inch meter	0	18.28	0	0	18.28	-	-	18.28	-	23.25	0	0
8	1 - inch meter	0	30.41	0	0	30.41	-	-	30.41	-	38.68	0	0
9	1 1/2 - inch meter	0	60.85	0	0	60.85	-	-	60.85	-	77.40	0	0
10	2 - inch meter	0	97.35	0	0	97.35	-	-	97.35	-	123.83	0	0
11	3 - inch meter	0	182.53	0	0	182.53	-	-	182.53	-	232.18	0	0
12	4 - inch meter	0	304.23	0	0	304.23	-	-	304.23	-	386.98	0	0
13	6 - inch meter	0	608.47	0	0	608.47	-	-	608.47	-	773.97	0	0
14	8 - inch meter	0	973.53	0	0	973.53	-	-	973.53	-	1,236.33	0	0
15		0		0	0		-	-		-		0	0
16	Total Meters												
17	Volumetric												
18	First	0	0.372	0	0	0.372	-	-	0.372	-	1.180	0	0
19	Next	0	3.386	0	0	3.534	-	-	3.534	-	5.017	0	0
20	Next	0	2.244	0	0	2.244	-	-	2.342	-	3.427	0	0
21	Next	0	1.604	0	0	1.674	-	-	1.674	-	2.789	0	0
22	Next	0	1.265	0	0	1.320	-	-	1.320	-	2.342	0	0
23	All Over	0	0.816	0	0	0.852	-	-	0.852	-	1.840	0	0
24	Lakeview Amount	0		0	0		-	-		-		0	0
25													
26	Total Gross	1,346,085		1,274,022	1,346,085		1,308,493	1,346,085		1,308,493	1,346,085		1,670,526
27	Proration adjustment		0	0			0			0			0
28	Less: Correction & Allowances			-									0
29	Net Amount	1,346,085		1,274,021	1,346,085		1,308,493	1,346,085		1,308,493	1,346,085		1,670,526
30	Net Amt. Per Revenue Summary	1,346,487		1,274,021	1,346,488		1,308,493	1,346,488		1,308,493	1,346,488		1,670,526
31	Difference		0	597			(10)	597		(10)	597		0
32	Percent Difference	0.0444%		0.0000%	0.0444%		0.0000%	0.0444%		0.0000%	0.0444%		0.0000%

March 2009	59,509	1,853	2,801	64,163	7,884	79	162	8,125	627	31	9	867
April 2009	59,405	1,865	2,813	64,083	7,918	81	181	8,160	628	31	9	868
May 2009	59,397	1,866	2,807	64,090	7,914	93	180	8,167	632	31	9	872
June 2009	59,516	1,890	2,818	64,224	7,959	88	180	8,207	633	31	9	873
July 2009	59,623	1,895	2,803	64,321	7,963	90	181	8,214	630	33	9	872
August 2009	59,703	1,900	2,797	64,400	7,983	91	182	8,236	631	32	9	872
September 2009	59,595	1,914	2,795	64,304	7,958	91	182	8,211	631	32	9	872
October 2009	59,447	1,903	2,789	64,139	7,946	90	162	8,198	631	32	9	873
November 2009	59,430	1,892	2,777	64,099	7,925	85	162	8,172	631	32	9	872
December 2009	59,318	1,895	2,776	63,989	7,884	80	162	8,128	630	34	9	873
January 2010	59,266	1,877	2,779	63,921	7,881	78	161	8,120	634	33	9	876
February 2010	59,318	1,879	2,784	63,981	7,848	78	165	8,091	635	33	9	877
March 2010	59,496	1,875	2,760	64,131	7,850	78	163	8,091	637	33	9	879
Thirteen Month Average	59,463	1,886	2,792	64,141	7,916	85	162	8,163	632	32	9	873

TENNESSEE-AMERICAN WATER COMPANY
ADDITIONAL CUSTOMERS ADDED THROUGH THE ATTRITION YEAR
2010 RATE FILING

	Residential	Commercial	Industrial	Other Public Authority	Other Water Utility	Total Customers	Multiplier	Additional Bills
March 31, 2010	64,131	8,091	116	679	8	73,025	12	372
April 30, 2010	26	5				31	12	372
May 31, 2010	26	5				31	12	372
June 30, 2010	26	5				31	12	372
July 31, 2010	26	5				31	12	372
August 31, 2010	26	5				31	12	372
September 30, 2010	26	5				31	12	372
October 31, 2010	26	5				31	12	372
November 30, 2010	26	5				31	12	372
December 31, 2010	26	5				31	12	372
January 31, 2011	26	5				31	11	341
February 28, 2011	26	5				31	10	310
March 31, 2011	26	5				31	9	279
April 30, 2011	26	5				31	8	248
May 31, 2011	26	5				31	7	217
June 30, 2011	26	5				31	6	186
July 31, 2011	26	5				31	5	155
August 31, 2011	26	5				31	4	124
September 30, 2011	26	5				31	3	93
October 31, 2011	26	5				31	2	62
November 30, 2011	26	5				31	1	31
December 31, 2011	26	5				31		
Total Customers at the End of the Attrition Year	64,677	8,196	116	679	8	73,676		5,766
Customer Bills Added by Area Served	4,836	930	0	0	0	5,735		
Customer Bills Added by Area Served								
Chattanooga	4,483	902	0	0		5,385		
Lookout Mtn.	142	10				152		
Lakeview	211	18				229		
	4,836	930	0	0		5,766		
Consumption Added by Area Served								
Chattanooga	0	0		0		0		
Lookout Mtn.	0	0				0		
Lakeview	0	0				0		
	0	0		0		0		

TENNESSEE-AMERICAN WATER COMPANY
ADDITIONAL CUSTOMERS ADDED THROUGH THE ATTRITION YEAR
2008 RATE FILING

	Residential			Total
	Chattanooga	Lookout Mtn.	Lakeview	
Additional Customers Added	4,483	142	211	4,836
5/8-inch meter	4,483	142	211	4,836
Avg. Usage Per Month Per Customer	5.5	9.8	5.5	
First 400 cubic feet	17,932	568	844	19,344
Next 6,100 cubic feet	6,725	824	317	7,866
Next 43,500 cubic feet				
Next 450,000 cubic feet				
Next 1,000,000 Cubic Feet				
All Over 1,500,000 Cubic Feet				
Total Consumption	24,657	1,392	1,161	27,210
Revenues Generated	73,964	5,565	4,011	83,540
	Commercial			Total
	Chattanooga	Lookout Mtn.	Lakeview	
Additional Customers Added	902	10	18	930
1-inch meter	902	10	18	930
Avg. Usage Per Month Per Customer	35.0	36.7	11.6	
First 400 cubic feet	3,608	40	72	3,720
Next 6,100 cubic feet	31,570	327	137	32,034
Next 43,500 cubic feet				
Next 450,000 cubic feet				
Next 1,000,000 Cubic Feet				
All Over 1,500,000 Cubic Feet				
Total Consumption	35,176	367	208	35,754
Revenues Generated Commercial	128,597	1,874	1,052	131,323
				214,863

	Other Public Authority			Total
	Chattanooga	Lookout Mtn.	Lakeview	
Additional Customers Added	0	0	0	0
1 -inch meter	0	0	0	0
Avg. Usage Per Month Per Customer	122.6	25.5	22.6	
First 400 cubic feet	0	0	0	0
Next 6,100 cubic feet	0	0	0	0
Next 43,500 cubic feet				
Next 450,000 cubic feet				
Next 1,000,000 Cubic Feet				
All Over 1,500,000 Cubic Feet				
Total Consumption	0	0	0	0
Revenues Generated OPA	0	0	0	0

Tennessee American Water Company
TRA DR 2 Question 2
Adjustment - Line 18
Attrition year Revenue adjustments:

Tennessee Regulatory Authority
Private and Public Fire
Company : Tennessee-American Water Company
Case No. :
Attrition Year Revenues at Current and Proposed Rates
Test Year Twelve Months Ending March 31, 2010
Exhibit No. 4, Schedule 2
Page No. 13 of 13

Line No.	Class/Description	Normalized Year at Present Rates			Attrition Year at Present Rates			Attrition Year at Proposed Rates		
		Billing		Rates	Billing		Rates	Billing		Rates
		Determine	Revenues		Determine	Revenues		Determine	Revenues	
Private Fire Service										
1	1 - Inch Service	0	28	\$0	0	28	\$0	0	36	\$0
2	1 1/2 - Inch Service	1	64	64	1	64	64	1	82	82
3	2 - Inch Service	16	114	1,819	16	114	1,819	16	145	2,322
4	2 1/2 - Inch Service	1	173	173	1	173	173	1	221	221
5	3 - Inch Service	2	256	511	2	256	511	2	326	652
6	4 - Inch Service	107	512	54,753	107	512	54,753	107	653	69,893
7	6 - Inch Service	878	1,023	897,852	891	1,023	911,146	891	1,305	1,163,098
8	8 - Inch Service	307	2,047	628,414	307	2,047	628,414	307	2,613	802,184
9	10 - Inch Service	17	3,071	52,201	17	3,071	52,201	17	3,920	66,636
10	12 - Inch Service	21	4,095	85,985	21	4,095	85,985	21	5,227	109,762
11	Total Private Fire Ser	1,350		1,721,772	1,363		1,735,066	1,363		2,214,850
Public Fire Service										
12	Ridgeside	13	0	0	13	0	0	13	0.00	0
13	Public Fire	4,976	0	0	4,976	0	0	4,976	0.00	0
14	Total Public Fire Ser	4,989		0	4,989		0	4,989		0
15	Total Private and Public Fire Service Revenues			\$1,721,772			\$1,735,066			\$2,214,850

TN-CAPD-01-PART III-Q15-REVENUE ADJUSTMENT LINE 19
Page 1 of 1

Tennessee American Water Company
 TRA DR 2 Question 2
 Adjustment - Line 19
 Attrition Revenue adjustments:

Annualization of other revenues:
 See attachments 10 & 11 included with the normalized adjustment to annualization of other revenues.

**TENNESSEE-AMERICAN
 OTHER REVENUES**

SEWER BILLING

	<u>Customers added</u>		<u>Attrition</u>	<u>Amt Per Class</u>
	<u>Normalized</u>	<u>Amt Per Class</u>		
Total Residential Class	0	0	4,836	1,959
Total Commercial Class	0	0	930	377
Total Industrial Class	0	0	0	0
Total Other Public Authority	0	0	0	0
Total Other Water Utility Cla	0	0	0	0
total number of customers	-		5,766	
	0.405		0.405	
Times \$.405	-	-	2,335	2,335

LATE PAYMENT PENALTIES

@ 11/30/07

Late Payment Penalty	317,926
Divided Total Sales of Water	36,053,695
Late payment adjustment ratio	0.008818113

	<u>Test Year Adjustments Present Rates</u>	<u>Attrition Year Adjustments</u>	
Total Sales of Water			
Exhibit No. 2, Schedule 2	(502,537)	228,162	See attachment 11 included with Adjustment Line 10
Ratio	0.008818113	0.008818113	
Times ratio	(4,431)	2,012	
	(4,431)	4,347	

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: John Watson

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

16. Provide the name, the business address, the date on which service began and if applicable, the date on which the service was terminated, the billing determinants for each industrial customer for the years ended December 31, 2005-2009 by year and the twelve months ended September 30, 2010. Include in your response the major changes in sales for R.L. Stowe and Pilgrim's Pride Corporation.

Response:

There are two attachments containing the information requested. The first attachment labeled as TN-CAPD-01-PART III-Q16-ATTACHMENT 1 includes a listing of industrial customers for the years ending December 31, 2005-2009 and the twelve months ended September 30, 2010 detailing the usage, revenues and business address. The second attachment labeled as TN-CAPD-01-PART III-Q16-ATTACHMENT 2 details the service date, discontinued date and meter information. Sales for R.L. Stowe declined over the years and their service was discontinued on March 31, 2009. Sales for Pilgrim's Pride Corporation increased considerably in 2006 and have steadily increased since then as shown in the tables below.

R.L. Stowe

Year	Usage
2005	348,678
2006	255,247
2007	245,421
2008	240,149
2009	36,421

Pilgrim's Pride Corporation

Year	Usage	% Increase
2005	175,304	
2006	373,764	113%
2007	502,904	35%
2008	505,965	1%
2009	564,181	12%
12 mo end 9/2010	672,319	19%

TN-CAPD-01-PART III-Q16

Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
4291	260002864	Synair Corp	4001 N Hawthorne St	Chattanooga	TN	374081314	2005	17,548.00	100CF	27,485.35
4291	260002864	Synair Corp	4001 N Hawthorne St	Chattanooga	TN	374081314	2006	11,477.00	100CF	19,988.92
4291 Total										47,454.27
4447	260002984	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2005	20,915.00	100CF	30,738.85
4447	260002984	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2006	23,464.00	100CF	34,697.15
4447	260002984	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2007	14,513.00	100CF	24,409.51
4447	260002984	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2008	8,151.00	100CF	16,596.44
4447	260002984	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2009	4,782.00	100CF	11,427.70
4447	260002984	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	12mo end Sept 2010	4,621.00	100CF	11,128.73
4447 Total										128,998.38
6676	260004486	Power Corporation	Peerless Ave	Chattanooga	TN	37405	2005	23.00	100CF	113.88
6676	260004486	Power Corporation	Peerless Ave	Chattanooga	TN	37405	2006	25.00	100CF	124.63
6676	260004486	Power Corporation	Peerless Ave	Chattanooga	TN	37405	2007	25.00	100CF	123.96
6676	260004486	Power Corporation	Peerless Ave	Chattanooga	TN	37405	2008	24.00	100CF	131.03
6676	260004486	Power Corporation	Peerless Ave	Chattanooga	TN	37405	2009	38.00	100CF	144.26
6676	260004486	Power Corporation	Peerless Ave	Chattanooga	TN	37405	12mo end Sept 2010	36.00	100CF	155.85
6676 Total										793.61
6859	260004627	Chatt Land Co P&S Prop	200 Manufacturers Rd APT# #A	Chattanooga	TN	374053250	2005	38.00	100CF	180.79
6859 Total										180.79
6883	260004647	APPLIED THERMAL COATINGS	200 COMPRESS ST	CHATTANOOGA	TN	374053764	2005	322.00	100CF	1,352.67
6883	260004647	APPLIED THERMAL COATINGS	200 COMPRESS ST	CHATTANOOGA	TN	374053764	2006	381.00	100CF	1,543.87
6883	260004647	APPLIED THERMAL COATINGS	200 COMPRESS ST	CHATTANOOGA	TN	374053764	2007	620.00	100CF	2,331.81
6883	260004647	APPLIED THERMAL COATINGS	200 COMPRESS ST	CHATTANOOGA	TN	374053764	2008	815.00	100CF	3,003.02
6883	260004647	APPLIED THERMAL COATINGS	200 COMPRESS ST	CHATTANOOGA	TN	374053764	2009	572.00	100CF	2,265.42
6883	260004647	APPLIED THERMAL COATINGS	200 COMPRESS ST	CHATTANOOGA	TN	374053764	12mo end Sept 2010	665.00	100CF	2,543.06
6883 Total										13,039.85
12068	260008047	Komatsu American Mfg	409 Signal Mountain Rd	Chattanooga	TN	374051918	2005	467.00	100CF	1,225.91
12068	260008047	Komatsu American Mfg	409 Signal Mountain Rd	Chattanooga	TN	374051918	2006	467.00	100CF	1,216.58
12068	260008047	Komatsu American Mfg	409 Signal Mountain Rd	Chattanooga	TN	374051918	2007	364.00	100CF	1,033.89
12068	260008047	Komatsu American Mfg	409 Signal Mountain Rd	Chattanooga	TN	374051918	2008	262.00	100CF	800.72
12068	260008047	Komatsu American Mfg	409 Signal Mountain Rd	Chattanooga	TN	374051918	2009	79.00	100CF	248.71
12068	260008047	Komatsu American Mfg	409 Signal Mountain Rd	Chattanooga	TN	374051918	12mo end Sept 2010	145.00	100CF	451.36
12068 Total										4,977.17
16004	260010996	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2005	-	100CF	3,034.06
16004	260010996	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2006	2,983.00	100CF	7,437.15
16004	260010996	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2007	935.00	100CF	5,541.86
16004	260010996	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2008	441.00	100CF	4,602.61
16004	260010996	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2009	-	100CF	963.40
16004 Total										21,579.08
16222	260011206	Alstom Power Inc	1335 Ash St	Chattanooga	TN	37402	2005	24.00	100CF	113.99
16222	260011206	Alstom Power Inc	1335 Ash St	Chattanooga	TN	37402	2006	21.00	100CF	123.97
16222	260011206	Alstom Power Inc	1335 Ash St	Chattanooga	TN	37402	2007	23.00	100CF	155.16
16222	260011206	Alstom Power Inc	1335 Ash St	Chattanooga	TN	37402	2008	12.00	100CF	128.60
16222	260011206	Alstom Power Inc	1335 Ash St	Chattanooga	TN	37402	2009	23.00	100CF	135.19
16222	260011206	Alstom Power Inc	1335 Ash St	Chattanooga	TN	37402	12mo end Sept 2010	25.00	100CF	153.61
16222 Total										810.52
16232	260011215	Robmer Partnership	1901 Riverfront Pky	Chattanooga	TN	374081037	2005	-	100CF	17.84
16232 Total										17.84
16580	260011519	Massengale Regina	1513 Williams St	Chattanooga	TN	374081143	2005	3.00	100CF	24.29
16580 Total										24.29
19915	260013872	Sherman & Reilly Inc	400 W 33rd St	Chattanooga	TN	374101039	2005	373.00	100CF	1,202.55
19915	260013872	Sherman & Reilly Inc	400 W 33rd St	Chattanooga	TN	374101039	2006	517.00	100CF	1,603.70
19915	260013872	Sherman & Reilly Inc	400 W 33rd St	Chattanooga	TN	374101039	2007	432.00	100CF	1,467.97

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Acct#	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
19915	260013872	Sherman & Reilly Inc	400 W 33rd St	Chattanooga	TN	374101039	2008	172.00	100CF	616.71
19915 Total										
21858	260015174	Ken Garner Manufacturing	1201 E 28th St	Chattanooga	TN	374045640	2005	4,534.00	100CF	4,890.93
21858	260015174	Ken Garner Manufacturing	1201 E 28th St	Chattanooga	TN	374045640	2006	3,110.00	100CF	9,328.62
21858	260015174	Ken Garner Manufacturing	1201 E 28th St	Chattanooga	TN	374045640	2007	2,722.00	100CF	6,995.08
21858	260015174	Ken Garner Manufacturing	1201 E 28th St	Chattanooga	TN	374045640	2008	2,246.00	100CF	6,941.92
21858	260015174	Ken Garner Manufacturing	1201 E 28th St	Chattanooga	TN	374045640	2009	701.00	100CF	6,264.73
21858	260015174	Ken Garner Manufacturing	1201 E 28th St	Chattanooga	TN	374045640	12mo end Sept 2010	781.00	100CF	3,216.50
21858 Total										
22001	260015280	Corley Mfg Co	2900 Crescent Cir	Chattanooga	TN	374071322	2005	75.00	100CF	36,154.78
22001	260015280	Corley Mfg Co	2900 Crescent Cir	Chattanooga	TN	374071322	2006	77.00	100CF	388.70
22001	260015280	Corley Mfg Co	2900 Crescent Cir	Chattanooga	TN	374071322	2007	108.00	100CF	398.01
22001	260015280	Corley Mfg Co	2900 Crescent Cir	Chattanooga	TN	374071322	2008	180.00	100CF	513.29
22001	260015280	Corley Mfg Co	2900 Crescent Cir	Chattanooga	TN	374071322	2009	112.00	100CF	773.86
22001	260015280	Corley Mfg Co	2900 Crescent Cir	Chattanooga	TN	374071322	12mo end Sept 2010	59.00	100CF	579.88
22001 Total										
22894	260015878	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2005	1,875.00	100CF	412.92
22894	260015878	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2006	1,890.00	100CF	3,066.66
22894	260015878	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2007	902.00	100CF	4,841.29
22894	260015878	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2008	227.00	100CF	4,904.51
22894	260015878	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2009	171.00	100CF	3,146.48
22894	260015878	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	12mo end Sept 2010	236.00	100CF	1,702.80
22894 Total										
24134	260016675	Oneal Steel Inc	3712 7th Ave	Chattanooga	TN	374072150	2005	58.00	100CF	1,572.38
24134	260016675	Oneal Steel Inc	3712 7th Ave	Chattanooga	TN	374072150	2006	71.00	100CF	1,780.83
24134	260016675	Oneal Steel Inc	3712 7th Ave	Chattanooga	TN	374072150	2007	63.00	100CF	17,948.29
24134	260016675	Oneal Steel Inc	3712 7th Ave	Chattanooga	TN	374072150	2008	62.00	100CF	220.11
24134	260016675	Oneal Steel Inc	3712 7th Ave	Chattanooga	TN	374072150	2009	48.00	100CF	257.67
24134	260016675	Oneal Steel Inc	3712 7th Ave	Chattanooga	TN	374072150	12mo end Sept 2010	43.00	100CF	251.47
24134 Total										
24197	260016709	Oneal Steel Inc	2500 E 38th St	Chattanooga	TN	374072241	2005	95.00	100CF	265.12
24197	260016709	Oneal Steel Inc	2500 E 38th St	Chattanooga	TN	374072241	2006	132.00	100CF	241.11
24197	260016709	Oneal Steel Inc	2500 E 38th St	Chattanooga	TN	374072241	2007	143.00	100CF	231.09
24197	260016709	Oneal Steel Inc	2500 E 38th St	Chattanooga	TN	374072241	2008	116.00	100CF	1,466.57
24197	260016709	Oneal Steel Inc	2500 E 38th St	Chattanooga	TN	374072241	2009	45.00	100CF	245.59
24197	260016709	Oneal Steel Inc	2500 E 38th St	Chattanooga	TN	374072241	12mo end Sept 2010	37.00	100CF	348.72
24197 Total										
24664	260017054	CUSTOMER ENGINEERED PRODUCTS	4015 Calhoun Ave	Chattanooga	TN	374072536	2005	-	100CF	404.93
24664 Total										
31457	260021379	P & C Construction	19TH & BUCKLEY ST	CHATTANOOGA	TN	37404	2005	342.00	100CF	344.99
31457	260021379	P & C Construction	19TH & BUCKLEY ST	CHATTANOOGA	TN	37404	2006	63.00	100CF	160.71
31457	260021379	P & C Construction	19TH & BUCKLEY ST	CHATTANOOGA	TN	37404	2007	72.00	100CF	141.05
31457	260021379	P & C Construction	19TH & BUCKLEY ST	CHATTANOOGA	TN	37404	2008	62.00	100CF	1,646.09
31457	260021379	P & C Construction	19TH & BUCKLEY ST	CHATTANOOGA	TN	37404	2009	80.00	100CF	79.74
31457	260021379	P & C Construction	19TH & BUCKLEY ST	CHATTANOOGA	TN	37404	12mo end Sept 2010	72.00	100CF	79.74
31457 Total										
32642	260022215	Dixie Group Inc	1000 S Watkins St	Chattanooga	TN	374044633	2005	80.00	100CF	747.04
32642 Total										
35533	260024099	Lucey Boiler Co	901 S Holizclaw Ave	Chattanooga	TN	374044104	2005	85.00	100CF	1,120.24
35533	260024099	Lucey Boiler Co	901 S Holizclaw Ave	Chattanooga	TN	374044104	2006	581.00	100CF	2,153.16
35533	260024099	Lucey Boiler Co	901 S Holizclaw Ave	Chattanooga	TN	374044104	2007	124.00	100CF	1,290.89
35533	260024099	Lucey Boiler Co	901 S Holizclaw Ave	Chattanooga	TN	374044104	2008	272.00	100CF	1,848.23
35533	260024099	Lucey Boiler Co	901 S Holizclaw Ave	Chattanooga	TN	374044104	2009	201.00	100CF	1,668.59

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
35533	260024099	Lucey Boiler Co	901 S Holtzclaw Ave	Chattanooga	TN	374044104	12mo end Sept 2010	109.00	100CF	1,379.56
35533 Total										9,460.67
35586	260024138	DIXIE INDUSTRIES DIV	1202 S Greenwood Ave	Chattanooga	TN	374044213	2005	85.00	100CF	244.18
35586	260024138	DIXIE INDUSTRIES DIV	1202 S Greenwood Ave	Chattanooga	TN	374044213	2006	176.00	100CF	491.85
35586	260024138	DIXIE INDUSTRIES DIV	1202 S Greenwood Ave	Chattanooga	TN	374044213	2007	126.00	100CF	377.12
35586	260024138	DIXIE INDUSTRIES DIV	1202 S Greenwood Ave	Chattanooga	TN	374044213	2008	50.00	100CF	204.78
35586	260024138	DIXIE INDUSTRIES DIV	1202 S Greenwood Ave	Chattanooga	TN	374044213	2009	23.00	100CF	141.18
35586 Total						374044213	12mo end Sept 2010	89.00	100CF	328.83
37044	260025126	Happy Bag Company	1305 E Main St	Chattanooga	TN	374044940	2005	58.00	100CF	1,787.94
37044	260025126	Happy Bag Company	1305 E Main St	Chattanooga	TN	374044940	2006	36.00	100CF	163.43
37044	260025126	Happy Bag Company	1305 E Main St	Chattanooga	TN	374044940	2007	34.00	100CF	117.35
37044	260025126	Happy Bag Company	1305 E Main St	Chattanooga	TN	374044940	2008	32.00	100CF	124.65
37044	260025126	Happy Bag Company	1305 E Main St	Chattanooga	TN	374044940	2009	32.00	100CF	133.57
37044 Total						374044940	12mo end Sept 2010	37.00	100CF	156.07
37178	260025211	Custom Werks	1220 E Main St	Chattanooga	TN	374081612	2005	197.00	100CF	832.09
37178	260025211	Custom Werks	1220 E Main St	Chattanooga	TN	374081612	2006	316.00	100CF	719.19
37178	260025211	Custom Werks	1220 E Main St	Chattanooga	TN	374081612	2007	234.00	100CF	982.54
37178	260025211	Custom Werks	1220 E Main St	Chattanooga	TN	374081612	2008	299.00	100CF	884.35
37178	260025211	Custom Werks	1220 E Main St	Chattanooga	TN	374081612	2009	302.00	100CF	1,141.90
37178 Total						374081612	12mo end Sept 2010	311.00	100CF	1,218.10
37197	260025225	Chatt Boiler & Tank Mfg	1030 E Main St	Chattanooga	TN	374081540	2005	874.00	100CF	6,135.32
37197	260025225	Chatt Boiler & Tank Mfg	1030 E Main St	Chattanooga	TN	374081540	2006	118.00	100CF	2,429.96
37197	260025225	Chatt Boiler & Tank Mfg	1030 E Main St	Chattanooga	TN	374081540	2007	845.00	100CF	1,819.46
37197	260025225	Chatt Boiler & Tank Mfg	1030 E Main St	Chattanooga	TN	374081540	2008	1,161.00	100CF	3,226.05
37197	260025225	Chatt Boiler & Tank Mfg	1030 E Main St	Chattanooga	TN	374081540	2009	1,434.00	100CF	4,142.16
37197 Total						374081540	12mo end Sept 2010	909.00	100CF	4,843.31
37412	260025434	Architectural Door & Hdwr	917 E 16th St	Chattanooga	TN	374082202	2005	37.00	100CF	3,486.23
37412	260025434	Architectural Door & Hdwr	917 E 16th St	Chattanooga	TN	374082202	2006	5.00	100CF	19,947.17
37412 Total						374082202	2007	-	100CF	164.97
37421	260025442	H & H BROWN	1803 POLK ST	CHATTANOOGA	TN	374082319	2005	46.00	100CF	113.20
37421	260025442	H & H BROWN	1803 POLK ST	CHATTANOOGA	TN	374082319	2006	72.00	100CF	18.52
37421	260025442	H & H BROWN	1803 POLK ST	CHATTANOOGA	TN	374082319	2007	74.00	100CF	296.69
37421	260025442	H & H BROWN	1803 POLK ST	CHATTANOOGA	TN	374082319	2008	93.00	100CF	132.95
37421	260025442	H & H BROWN	1803 POLK ST	CHATTANOOGA	TN	374082319	2009	80.00	100CF	183.95
37421 Total						374082319	12mo end Sept 2010	75.00	100CF	205.14
37735	260025677	Koch Foods LLC	1835 1/2 Kerr St	Chattanooga	TN	37408	2005	527.00	100CF	274.22
37735 Total						37408	2005	527.00	100CF	245.90
37877	260025808	ADM Milling Co	1126 King St	Chattanooga	TN	374034329	2005	8,850.00	100CF	226.86
37877	260025808	ADM Milling Co	1126 King St	Chattanooga	TN	374034329	2006	7,740.00	100CF	1,269.02
37877	260025808	ADM Milling Co	1126 King St	Chattanooga	TN	374034329	2007	6,641.01	100CF	1,484.44
37877	260025808	ADM Milling Co	1126 King St	Chattanooga	TN	374034329	2008	10,815.00	100CF	15,424.86
37877	260025808	ADM Milling Co	1126 King St	Chattanooga	TN	374034329	2009	20,102.00	100CF	14,534.22
37877 Total						374034329	12mo end Sept 2010	22,723.00	100CF	12,887.68
37878	260025809	ADM Milling Co	1116 King St	Chattanooga	TN	374034329	2005	5,558.00	100CF	19,533.65
37878	260025809	ADM Milling Co	1116 King St	Chattanooga	TN	374034329	2006	6,703.00	100CF	35,281.45
37878	260025809	ADM Milling Co	1116 King St	Chattanooga	TN	374034329	2007	5,161.00	100CF	39,228.67

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
37878	260025809	ADM Milling Co	1116 King St	Chattanooga	TN	374034329	2008	5,390.00	100CF	12,363.87
37878	260025809	ADM Milling Co	1116 King St	Chattanooga	TN	374034329	2009	5,015.00	100CF	12,052.42
37878	260025809	ADM Milling Co	1116 King St	Chattanooga	TN	374034329	12mo end Sept 2010	2,760.00	100CF	6,983.34
37878 Total										66,505.57
40934	260028068	Beeler Impression	2318 Mccallie Ave	Chattanooga	TN	374043205	2005	41.00	100CF	117.04
40934	260028068	Beeler Impression	2318 Mccallie Ave	Chattanooga	TN	374043205	2006	36.00	100CF	117.34
40934	260028068	Beeler Impression	2318 Mccallie Ave	Chattanooga	TN	374043205	2007	25.00	100CF	123.04
40934	260028068	Beeler Impression	2318 Mccallie Ave	Chattanooga	TN	374043205	2008	27.00	100CF	132.84
40934	260028068	Beeler Impression	2318 Mccallie Ave	Chattanooga	TN	374043205	2009	31.00	100CF	142.83
40934	260028068	Beeler Impression	2318 Mccallie Ave	Chattanooga	TN	374043205	12mo end Sept 2010	27.00	100CF	138.99
40934 Total										771.88
45866	260031374	Signal Plating Inc	1608 Camden St	Chattanooga	TN	374082803	2005	1,330.00	100CF	3,152.91
45866	260031374	Signal Plating Inc	1608 Camden St	Chattanooga	TN	374082803	2006	1,239.00	100CF	3,104.42
45866	260031374	Signal Plating Inc	1608 Camden St	Chattanooga	TN	374082803	2007	1,107.00	100CF	3,064.56
45866	260031374	Signal Plating Inc	1608 Camden St	Chattanooga	TN	374082803	2008	1,345.00	100CF	3,728.26
45866	260031374	Signal Plating Inc	1608 Camden St	Chattanooga	TN	374082803	2009	1,466.00	100CF	4,104.52
45866	260031374	Signal Plating Inc	1608 Camden St	Chattanooga	TN	374082803	12mo end Sept 2010	994.00	100CF	2,940.03
45866 Total										20,094.70
48568	260033262	Sovereign Stainless Fab	3110 Riverside Dr	Chattanooga	TN	374084035	2005	395.00	100CF	1,598.10
48568	260033262	Sovereign Stainless Fab	3110 Riverside Dr	Chattanooga	TN	374084035	2006	312.00	100CF	1,350.48
48568	260033262	Sovereign Stainless Fab	3110 Riverside Dr	Chattanooga	TN	374084035	2007	246.00	100CF	1,271.15
48568	260033262	Sovereign Stainless Fab	3110 Riverside Dr	Chattanooga	TN	374084035	2008	263.00	100CF	1,379.14
48568	260033262	Sovereign Stainless Fab	3110 Riverside Dr	Chattanooga	TN	374084035	2009	46.00	100CF	349.37
48568 Total										5,948.24
48690	260033355	Roadtec Inc	1400 Stuart St	Chattanooga	TN	374084041	2005	688.00	100CF	2,037.62
48690	260033355	Roadtec Inc	1400 Stuart St	Chattanooga	TN	374084041	2006	893.00	100CF	2,476.51
48690	260033355	Roadtec Inc	1400 Stuart St	Chattanooga	TN	374084041	2007	510.00	100CF	1,552.51
48690	260033355	Roadtec Inc	1400 Stuart St	Chattanooga	TN	374084041	2008	618.00	100CF	2,124.94
48690	260033355	Roadtec Inc	1400 Stuart St	Chattanooga	TN	374084041	2009	661.00	100CF	2,314.32
48690	260033355	Roadtec Inc	1400 Stuart St	Chattanooga	TN	374084041	12mo end Sept 2010	629.00	100CF	2,214.08
48690 Total										12,719.98
48796	260033445	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2005	1,649.00	100CF	3,753.11
48796	260033445	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2006	1,656.00	100CF	3,819.57
48796	260033445	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2007	1,467.00	100CF	3,675.56
48796	260033445	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2008	2,144.00	100CF	5,273.12
48796	260033445	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2009	1,105.00	100CF	3,085.41
48796	260033445	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	12mo end Sept 2010	4,383.00	100CF	9,967.00
48796 Total										29,573.77
48797	260033446	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2005	7.00	100CF	308.76
48797	260033446	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2006	15.00	100CF	315.70
48797	260033446	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2007	85.00	100CF	471.94
48797	260033446	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2008	140.00	100CF	660.07
48797	260033446	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	2009	35.00	100CF	393.02
48797	260033446	Foam Fabricating Inc	1120 Judd Rd	Chattanooga	TN	374084700	12mo end Sept 2010	41.00	100CF	385.24
48797 Total										2,534.73
48815	260033461	Synair Corp	2001 Curtain Pole Rd	Chattanooga	TN	374082304	2005	72.00	100CF	142.45
48815 Total										142.45
48816	260033462	Synair Corp	2003 Curtain Pole Rd	Chattanooga	TN	374082304	2005	4.00	100CF	15.04
48816 Total										15.04
48836	260033480	Nu Foam Products	1101 Wisdom St	Chattanooga	TN	374081756	2005	199.00	100CF	723.13
48836	260033480	Nu Foam Products	1101 Wisdom St	Chattanooga	TN	374081756	2006	194.00	100CF	717.42
48836	260033480	Nu Foam Products	1101 Wisdom St	Chattanooga	TN	374081756	2007	429.00	100CF	1,463.73
48836	260033480	Nu Foam Products	1101 Wisdom St	Chattanooga	TN	374081756	2008	1,038.00	100CF	3,127.94

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
48836	260033480	Nu Foam Products	1101 Wisdom St	Chattanooga	TN	374061756	2009	577.00	100CF	2,002.03
48836	260033480	Nu Foam Products	1101 Wisdom St	Chattanooga	TN	374061756	12mo end Sept 2010	814.00	100CF	2,594.02
48836 Total										10,628.27
48849	260033489	W R Grace Company	3800 N Hawthorne St	Chattanooga	TN	374061309	2005	535.00	100CF	1,436.16
48849	260033489	W R Grace Company	3800 N Hawthorne St	Chattanooga	TN	374061309	2006	500.00	100CF	1,359.54
48849	260033489	W R Grace Company	3800 N Hawthorne St	Chattanooga	TN	374061309	2007	558.00	100CF	1,625.82
48849	260033489	W R Grace Company	3800 N Hawthorne St	Chattanooga	TN	374061309	2008	691.00	100CF	2,027.20
48849	260033489	W R Grace Company	3800 N Hawthorne St	Chattanooga	TN	374061309	2009	458.00	100CF	1,455.15
48849	260033489	W R Grace Company	3800 N Hawthorne St	Chattanooga	TN	374061309	12mo end Sept 2010	126.00	100CF	429.48
48849 Total										8,333.15
48850	260033490	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2005	326.00	100CF	1,068.61
48850	260033490	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2006	415.00	100CF	1,320.75
48850	260033490	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2007	490.00	100CF	1,642.75
48850	260033490	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2008	314.00	100CF	1,185.31
48850	260033490	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2009	766.00	100CF	2,171.89
48850	260033490	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	12mo end Sept 2010	794.00	100CF	2,261.88
48850 Total										9,650.99
48851	260033491	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2005	2,241.00	100CF	5,448.44
48851	260033491	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2006	3,884.00	100CF	8,324.23
48851	260033491	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2007	3,572.00	100CF	8,090.09
48851	260033491	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2008	1,775.00	100CF	5,350.13
48851	260033491	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2009	1,161.00	100CF	4,271.75
48851	260033491	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	12mo end Sept 2010	1,920.00	100CF	5,810.67
48851 Total										37,295.31
59402	260040889	Allied Metal Company	3440 Lightfoot Mill Rd	Chattanooga	TN	374062125	2005	1,122.00	100CF	3,499.43
59402	260040889	Allied Metal Company	3440 Lightfoot Mill Rd	Chattanooga	TN	374062125	2006	873.00	100CF	3,157.86
59402	260040889	Allied Metal Company	3440 Lightfoot Mill Rd	Chattanooga	TN	374062125	2007	985.00	100CF	3,520.85
59402	260040889	Allied Metal Company	3440 Lightfoot Mill Rd	Chattanooga	TN	374062125	2008	864.00	100CF	3,459.10
59402	260040889	Allied Metal Company	3440 Lightfoot Mill Rd	Chattanooga	TN	374062125	2009	717.00	100CF	3,213.77
59402	260040889	Allied Metal Company	3440 Lightfoot Mill Rd	Chattanooga	TN	374062125	12mo end Sept 2010	999.00	100CF	3,857.11
59402 Total										20,707.92
64072	260044341	Golf Players	5954 Brainerd Rd	Chattanooga	TN	374213586	2005	176.00	100CF	467.41
64072	260044341	Golf Players	5954 Brainerd Rd	Chattanooga	TN	374213586	2006	113.00	100CF	295.88
64072	260044341	Golf Players	5954 Brainerd Rd	Chattanooga	TN	374213586	2007	231.01	100CF	676.45
64072	260044341	Golf Players	5954 Brainerd Rd	Chattanooga	TN	374213586	2008	224.01	100CF	677.40
64072	260044341	Golf Players	5954 Brainerd Rd	Chattanooga	TN	374213586	2009	105.00	100CF	323.08
64072	260044341	Golf Players	5954 Brainerd Rd	Chattanooga	TN	374213586	12mo end Sept 2010	140.00	100CF	435.32
64072 Total										2,875.54
65687	260045597	VULCAN MATERIALS CO	3954 Cromwell Rd	Chattanooga	TN	374212114	2005	4,571.00	100CF	9,320.68
65687	260045597	VULCAN MATERIALS CO	3954 Cromwell Rd	Chattanooga	TN	374212114	2006	7,248.00	100CF	13,619.85
65687	260045597	VULCAN MATERIALS CO	3954 Cromwell Rd	Chattanooga	TN	374212114	2007	13,459.00	100CF	23,272.69
65687	260045597	VULCAN MATERIALS CO	3954 Cromwell Rd	Chattanooga	TN	374212114	2008	5,377.00	100CF	12,008.93
65687	260045597	VULCAN MATERIALS CO	3954 Cromwell Rd	Chattanooga	TN	374212114	2009	5,114.00	100CF	12,142.97
65687	260045597	VULCAN MATERIALS CO	3954 Cromwell Rd	Chattanooga	TN	374212114	12mo end Sept 2010	4,804.00	100CF	11,633.86
65687 Total										81,995.98
101797	260070900	Brenntag Mid South Inc	317 WAUHATCHIE PIKE	CHATTANOOGA	TN	374192328	2005	8,738.00	100CF	15,307.66
101797	260070900	Brenntag Mid South Inc	317 WAUHATCHIE PIKE	CHATTANOOGA	TN	374192328	2006	9,520.00	100CF	16,820.94
101797	260070900	Brenntag Mid South Inc	317 WAUHATCHIE PIKE	CHATTANOOGA	TN	374192328	2007	7,449.00	100CF	14,814.47
101797	260070900	Brenntag Mid South Inc	317 WAUHATCHIE PIKE	CHATTANOOGA	TN	374192328	2008	6,806.00	100CF	14,648.00
101797	260070900	Brenntag Mid South Inc	317 WAUHATCHIE PIKE	CHATTANOOGA	TN	374192328	2009	4,120.00	100CF	10,255.60
101797	260070900	Brenntag Mid South Inc	317 WAUHATCHIE PIKE	CHATTANOOGA	TN	374192328	12mo end Sept 2010	4,211.00	100CF	10,438.98
101797 Total										82,285.65
101900	260070990	CLEAN HARBORS ENVIRONMENTAL, S	3503 1/2 Cummings Rd	Chattanooga	TN	37419	2005	179.00	100CF	1,342.82

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101900	260070990	CLEAN HARBORS ENVIRONMENTAL, S	3503 1/2 Cummings Rd	Chattanooga	TN	37419	2006	129.00	100CF	1,298.79
101900	260070990	CLEAN HARBORS ENVIRONMENTAL, S	3503 1/2 Cummings Rd	Chattanooga	TN	37419	2007	100.00	100CF	1,236.82
101900	260070990	CLEAN HARBORS ENVIRONMENTAL, S	3503 1/2 Cummings Rd	Chattanooga	TN	37419	2008	105.00	100CF	1,316.90
101900	260070990	CLEAN HARBORS ENVIRONMENTAL, S	3503 1/2 Cummings Rd	Chattanooga	TN	37419	2009	209.00	100CF	1,694.26
101900	260070990	CLEAN HARBORS ENVIRONMENTAL, S	3503 1/2 Cummings Rd	Chattanooga	TN	37419	12mo end Sept 2010	430.00	100CF	2,316.00
101900 Total										9,205.59
102541	260071478	Heller Properties LLC	99 Textile Ln	Chattanooga	TN	374191815	2005	168.00	100CF	517.80
102541	260071478	Heller Properties LLC	99 Textile Ln	Chattanooga	TN	374191815	2006	524.00	100CF	1,422.54
102541	260071478	Heller Properties LLC	99 Textile Ln	Chattanooga	TN	374191815	2007	566.00	100CF	1,683.11
102541	260071478	Heller Properties LLC	99 Textile Ln	Chattanooga	TN	374191815	2008	412.00	100CF	1,332.62
102541	260071478	Heller Properties LLC	99 Textile Ln	Chattanooga	TN	374191815	2009	40.00	100CF	236.47
102541	260071478	Heller Properties LLC	99 Textile Ln	Chattanooga	TN	374191815	12mo end Sept 2010	35.00	100CF	235.42
102541 Total										5,427.96
104433	260072992	Komatsu American Mfg	Signal Mountain Rd	Chattanooga	TN	37405	2005	2,331.00	100CF	5,606.02
104433	260072992	Komatsu American Mfg	Signal Mountain Rd	Chattanooga	TN	37405	2006	3,011.00	100CF	6,822.42
104433	260072992	Komatsu American Mfg	Signal Mountain Rd	Chattanooga	TN	37405	2007	2,696.00	100CF	6,817.45
104433	260072992	Komatsu American Mfg	Signal Mountain Rd	Chattanooga	TN	37405	2008	2,282.00	100CF	6,333.84
104433	260072992	Komatsu American Mfg	Signal Mountain Rd	Chattanooga	TN	37405	2009	1,068.00	100CF	4,105.84
104433	260072992	Komatsu American Mfg	Signal Mountain Rd	Chattanooga	TN	37405	12mo end Sept 2010	1,348.00	100CF	4,670.04
104433 Total										34,355.61
104442	260072997	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2005	1,691.00	100CF	4,493.95
104442	260072997	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2006	2,940.00	100CF	6,861.19
104442	260072997	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2007	358.00	100CF	1,767.79
104442	260072997	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2008	1,142.00	100CF	3,749.75
104442	260072997	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	2009	1,012.00	100CF	3,459.03
104442	260072997	SIGNAL MOUNTAIN CEMENT	1201 Suck Creek Rd	Chattanooga	TN	374059713	12mo end Sept 2010	58.00	100CF	1,342.19
104442 Total										21,673.90
104464	260073019	Rock Tenn Co Mill Div	217 Compress St	Chattanooga	TN	374053765	2005	238.00	100CF	630.91
104464	260073019	Rock Tenn Co Mill Div	217 Compress St	Chattanooga	TN	374053765	2006	97.00	100CF	321.25
104464	260073019	Rock Tenn Co Mill Div	217 Compress St	Chattanooga	TN	374053765	2007	162.00	100CF	453.89
104464	260073019	Rock Tenn Co Mill Div	217 Compress St	Chattanooga	TN	374053765	2008	119.00	100CF	355.52
104464	260073019	Rock Tenn Co Mill Div	217 Compress St	Chattanooga	TN	374053765	2009	103.00	100CF	316.65
104464	260073019	Rock Tenn Co Mill Div	217 Compress St	Chattanooga	TN	374053765	12mo end Sept 2010	124.00	100CF	384.00
104464 Total										2,462.22
104465	260073020	Rock Tenn Co Mill Div	200 Compress St	Chattanooga	TN	374053764	2005	16,008.00	100CF	24,542.39
104465	260073020	Rock Tenn Co Mill Div	200 Compress St	Chattanooga	TN	374053764	2006	17,758.00	100CF	27,382.07
104465	260073020	Rock Tenn Co Mill Div	200 Compress St	Chattanooga	TN	374053764	2007	12,375.00	100CF	21,636.69
104465	260073020	Rock Tenn Co Mill Div	200 Compress St	Chattanooga	TN	374053764	2008	14,534.00	100CF	26,001.13
104465	260073020	Rock Tenn Co Mill Div	200 Compress St	Chattanooga	TN	374053764	2009	14,128.00	100CF	26,284.62
104465	260073020	Rock Tenn Co Mill Div	200 Compress St	Chattanooga	TN	374053764	12mo end Sept 2010	17,247.00	100CF	30,981.83
104465 Total										156,828.73
104467	260073022	THE KNITTING MILL PROJECT	205 Manufacturers Rd	Chattanooga	TN	374053250	2005	47.00	100CF	330.63
104467	260073022	THE KNITTING MILL PROJECT	205 Manufacturers Rd	Chattanooga	TN	374053250	2006	88.00	100CF	446.25
104467	260073022	THE KNITTING MILL PROJECT	205 Manufacturers Rd	Chattanooga	TN	374053250	2007	55.00	100CF	365.90
104467	260073022	THE KNITTING MILL PROJECT	205 Manufacturers Rd	Chattanooga	TN	374053250	2008	58.00	100CF	393.50
104467	260073022	THE KNITTING MILL PROJECT	205 Manufacturers Rd	Chattanooga	TN	374053250	2009	62.00	100CF	419.55
104467	260073022	THE KNITTING MILL PROJECT	205 Manufacturers Rd	Chattanooga	TN	374053250	12mo end Sept 2010	69.00	100CF	442.00
104467 Total										2,397.83
104547	260073097	Eureka Foundry	1603 Carter St	Chattanooga	TN	374024432	2005	139.00	100CF	1,237.62
104547	260073097	Eureka Foundry	1603 Carter St	Chattanooga	TN	374024432	2006	141.00	100CF	1,328.99
104547	260073097	Eureka Foundry	1603 Carter St	Chattanooga	TN	374024432	2007	111.00	100CF	1,258.90
104547	260073097	Eureka Foundry	1603 Carter St	Chattanooga	TN	374024432	2008	100.00	100CF	1,300.79
104547	260073097	Eureka Foundry	1603 Carter St	Chattanooga	TN	374024432	2009	70.00	100CF	1,251.46

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
104547	260073097	Eureka Foundry	1603 Carter St	Chattanooga	TN	374024432	12mo end Sept 2010	93.00	100CF	1,322.24
104547 Total										7,700.00
104549	260073099	Siskin Steel & Supply	701 W 23rd St	Chattanooga	TN	37402	2005	1,697.00	100CF	4,526.72
104549	260073099	Siskin Steel & Supply	701 W 23rd St	Chattanooga	TN	37402	2006	1,737.00	100CF	4,780.75
104549	260073099	Siskin Steel & Supply	701 W 23rd St	Chattanooga	TN	37402	2007	1,622.00	100CF	4,805.60
104549	260073099	Siskin Steel & Supply	701 W 23rd St	Chattanooga	TN	37402	2008	920.00	100CF	3,687.84
104549	260073099	Siskin Steel & Supply	701 W 23rd St	Chattanooga	TN	37402	2009	856.00	100CF	3,629.74
104549 Total							12mo end Sept 2010	1,083.00	100CF	4,054.99
104553	260073103	Alstom Power Inc	1119 Riverfront Pky	Chattanooga	TN	3740222106	2005	73,303.00	100CF	25,485.84
104553	260073103	Alstom Power Inc	1119 Riverfront Pky	Chattanooga	TN	3740222106	2006	39,838.00	100CF	98,296.65
104553	260073103	Alstom Power Inc	1119 Riverfront Pky	Chattanooga	TN	3740222106	2007	25,105.00	100CF	61,152.19
104553	260073103	Alstom Power Inc	1119 Riverfront Pky	Chattanooga	TN	3740222106	2008	28,781.00	100CF	43,778.80
104553	260073103	Alstom Power Inc	1119 Riverfront Pky	Chattanooga	TN	3740222106	2009	16,201.00	100CF	50,995.18
104553 Total							12mo end Sept 2010	8,164.00	100CF	30,574.76
104555	260073105	Eureka Foundry	724 W Main St	Chattanooga	TN	374024703	2005	4,164.00	100CF	18,178.84
104555	260073105	Eureka Foundry	724 W Main St	Chattanooga	TN	374024703	2006	4,441.00	100CF	302,976.42
104555	260073105	Eureka Foundry	724 W Main St	Chattanooga	TN	374024703	2007	3,601.00	100CF	9,604.47
104555	260073105	Eureka Foundry	724 W Main St	Chattanooga	TN	374024703	2008	2,268.00	100CF	10,374.76
104555	260073105	Eureka Foundry	724 W Main St	Chattanooga	TN	374024703	2009	1,445.00	100CF	9,469.69
104555 Total							12mo end Sept 2010	5,963.00	100CF	7,432.81
104559	260073109	U S Pipe & Fdry Co	W 24th & Fort St	Chattanooga	TN	37408	2005	2,742.00	100CF	6,033.68
104559	260073109	U S Pipe & Fdry Co	W 24th & Fort St	Chattanooga	TN	37408	2006	233.00	100CF	14,321.54
104559 Total										57,236.75
104561	260073111	U S Pipe & Fdry Co	27th & Chestnut St	Chattanooga	TN	37402	2005	21,381.00	100CF	7,291.19
104561	260073111	U S Pipe & Fdry Co	27th & Chestnut St	Chattanooga	TN	37402	2006	13,337.00	100CF	1,714.25
104561 Total										9,005.44
104562	260073112	U S Pipe & Fdry Co	27th & Chestnut St	Chattanooga	TN	37402	2007	-	100CF	33,441.75
104562	260073112	U S Pipe & Fdry Co	27th & Chestnut St	Chattanooga	TN	37408	2005	23,286.00	100CF	22,977.87
104562 Total										258.92
104569	260073115	Perimeter Properties LLC	W 27th & Sidney	Chattanooga	TN	37408	2005	150.00	100CF	56,678.54
104569	260073115	Perimeter Properties LLC	W 27th & Sidney	Chattanooga	TN	37408	2006	490.00	100CF	37,003.65
104569	260073115	Perimeter Properties LLC	W 27th & Sidney	Chattanooga	TN	37408	2007	1,012.00	100CF	7,662.68
104569	260073115	Perimeter Properties LLC	W 27th & Sidney	Chattanooga	TN	37408	2008	825.00	100CF	227.84
104569	260073115	Perimeter Properties LLC	W 27th & Sidney	Chattanooga	TN	37408	2009	1,269.00	100CF	44,894.17
104569 Total							12mo end Sept 2010	595.00	100CF	611.34
104579	260073122	Southern Wood Piedmont	401 W 33rd St	Chattanooga	TN	374101039	2005	30.00	100CF	1,519.84
104579	260073122	Southern Wood Piedmont	401 W 33rd St	Chattanooga	TN	374101039	2006	24.00	100CF	2,834.10
104579	260073122	Southern Wood Piedmont	401 W 33rd St	Chattanooga	TN	374101039	2007	75.01	100CF	2,405.59
104579	260073122	Southern Wood Piedmont	401 W 33rd St	Chattanooga	TN	374101039	2008	83.00	100CF	3,240.62
104579	260073122	Southern Wood Piedmont	401 W 33rd St	Chattanooga	TN	374101039	2009	20.00	100CF	2,021.63
104579 Total							12mo end Sept 2010	438.00	100CF	12,633.12
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2005	24,147.00	100CF	1,034.56
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2006	28,726.00	100CF	1,099.08
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2007	42,741.00	100CF	1,218.38
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2008	18,051.00	100CF	1,293.16
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2009	1.00	100CF	1,181.25
104596 Total										2,174.45
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2005	24,147.00	100CF	8,000.88
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2006	28,726.00	100CF	39,416.32
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2007	42,741.00	100CF	46,202.49
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2008	18,051.00	100CF	70,196.85
104596	260073137	Chatt Paperboard Corp	2112 Rossville Ave	Chattanooga	TN	374082145	2009	1.00	100CF	36,078.61
104596 Total										2,048.68

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
104596 Total										
104598	260073138	Ccd Properties	2101 Rossville Ave	Chattanooga	TN	374082146	2005	14.00	100CF	193,942.95
104598	260073138	Ccd Properties	2101 Rossville Ave	Chattanooga	TN	374082146	2006	8.00	100CF	117.53
104598	260073138	Ccd Properties	2101 Rossville Ave	Chattanooga	TN	374082146	2007	71.00	100CF	112.48
104598	260073138	Ccd Properties	2101 Rossville Ave	Chattanooga	TN	374082146	2008	64.01	100CF	206.25
104598	260073138	Ccd Properties	2101 Rossville Ave	Chattanooga	TN	374082146	2009	56.00	100CF	185.50
104598	260073138	Ccd Properties	2101 Rossville Ave	Chattanooga	TN	374082146	12mo end Sept 2010	62.00	100CF	165.94
104598	260073138	Ccd Properties	2101 Rossville Ave	Chattanooga	TN	374082146	12mo end Sept 2010	62.00	100CF	185.19
104598 Total										
104600	260073140	ENGINEERED REFRIGERATION	2555 CANNON ST	CHATTANOOGA	TN	374045620	2005	162.00	100CF	972.89
104600	260073140	ENGINEERED REFRIGERATION	2555 CANNON ST	CHATTANOOGA	TN	374045620	2006	155.00	100CF	624.36
104600	260073140	ENGINEERED REFRIGERATION	2555 CANNON ST	CHATTANOOGA	TN	374045620	2007	51.00	100CF	610.95
104600	260073140	ENGINEERED REFRIGERATION	2555 CANNON ST	CHATTANOOGA	TN	374045620	2008	29.00	100CF	399.81
104600	260073140	ENGINEERED REFRIGERATION	2555 CANNON ST	CHATTANOOGA	TN	374045620	2009	25.00	100CF	359.04
104600	260073140	ENGINEERED REFRIGERATION	2555 CANNON ST	CHATTANOOGA	TN	374045620	12mo end Sept 2010	24.00	100CF	369.95
104600	260073140	ENGINEERED REFRIGERATION	2555 CANNON ST	CHATTANOOGA	TN	374045620	12mo end Sept 2010	24.00	100CF	369.74
104605	260073145	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2005	4,964.00	100CF	2,733.65
104605	260073145	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2006	7,689.00	100CF	11,061.18
104605	260073145	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2007	2,238.00	100CF	14,674.50
104605	260073145	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2008	787.00	100CF	6,856.02
104605	260073145	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	2009	394.00	100CF	4,434.83
104605	260073145	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	12mo end Sept 2010	276.00	100CF	3,455.74
104605	260073145	Steward Advanced Materials	1200 E 36th St	Chattanooga	TN	374072489	12mo end Sept 2010	276.00	100CF	3,077.31
104620	260073160	Chattlem Chemicals Inc	1715 W 38th St	Chattanooga	TN	374091248	2005	4,383.00	100CF	43,559.58
104620	260073160	Chattlem Chemicals Inc	1715 W 38th St	Chattanooga	TN	374091248	2006	4,107.00	100CF	11,926.49
104620	260073160	Chattlem Chemicals Inc	1715 W 38th St	Chattanooga	TN	374091248	2007	16,712.01	100CF	12,154.08
104620	260073160	Chattlem Chemicals Inc	1715 W 38th St	Chattanooga	TN	374091248	2008	10,434.00	100CF	31,095.35
104620	260073160	Chattlem Chemicals Inc	1715 W 38th St	Chattanooga	TN	374091248	2009	16,468.00	100CF	23,592.78
104620	260073160	Chattlem Chemicals Inc	1715 W 38th St	Chattanooga	TN	374091248	12mo end Sept 2010	9,533.00	100CF	33,455.38
104620	260073160	Chattlem Chemicals Inc	1715 W 38th St	Chattanooga	TN	374091248	12mo end Sept 2010	9,533.00	100CF	22,941.99
104627	260073166	Veliscol Chemical Corp	4902 Central Ave	Chattanooga	TN	374102009	2005	255,342.00	100CF	135,170.07
104627	260073166	Veliscol Chemical Corp	4902 Central Ave	Chattanooga	TN	374102009	2006	273,682.00	100CF	249,206.87
104627	260073166	Veliscol Chemical Corp	4902 Central Ave	Chattanooga	TN	374102009	2007	58,996.00	100CF	271,231.26
104627	260073166	Veliscol Chemical Corp	4902 Central Ave	Chattanooga	TN	374102009	2008	1,825.00	100CF	74,071.21
104627	260073166	Veliscol Chemical Corp	4902 Central Ave	Chattanooga	TN	374102009	2009	70.00	100CF	10,910.88
104627	260073166	Veliscol Chemical Corp	4902 Central Ave	Chattanooga	TN	374102009	12mo end Sept 2010	10.00	100CF	7,478.06
104627	260073166	Veliscol Chemical Corp	4902 Central Ave	Chattanooga	TN	374102009	12mo end Sept 2010	10.00	100CF	7,321.69
104629	260073168	Veliscol Chemical Corp	4901 Central Ave	Chattanooga	TN	374102074	2005	20.00	100CF	620,219.97
104629	260073168	Veliscol Chemical Corp	4901 Central Ave	Chattanooga	TN	374102074	2006	-	100CF	2,011.81
104629	260073168	Veliscol Chemical Corp	4901 Central Ave	Chattanooga	TN	374102074	2007	-	100CF	2,154.10
104629	260073168	Veliscol Chemical Corp	4901 Central Ave	Chattanooga	TN	374102074	2008	-	100CF	1,069.06
104629	260073168	Veliscol Chemical Corp	4901 Central Ave	Chattanooga	TN	374102074	2009	-	100CF	5,234.97
104630	260073169	Bunge Foods Corporation	11 W 47th St	Chattanooga	TN	37403	2005	82,745.00	100CF	105,407.28
104630	260073169	Bunge Foods Corporation	11 W 47th St	Chattanooga	TN	37403	2006	99,206.00	100CF	124,834.14
104630	260073169	Bunge Foods Corporation	11 W 47th St	Chattanooga	TN	37403	2007	101,866.00	100CF	134,348.16
104630	260073169	Bunge Foods Corporation	11 W 47th St	Chattanooga	TN	37403	2008	102,164.00	100CF	142,748.92
104630	260073169	Bunge Foods Corporation	11 W 47th St	Chattanooga	TN	37403	2009	111,004.00	100CF	157,724.22
104630	260073169	Bunge Foods Corporation	11 W 47th St	Chattanooga	TN	37403	12mo end Sept 2010	100,604.00	100CF	145,753.82
104630	260073169	Bunge Foods Corporation	11 W 47th St	Chattanooga	TN	37403	12mo end Sept 2010	100,604.00	100CF	810,816.54
104637	260073175	Southern Cellulose	105 W 45th St	Chattanooga	TN	374101602	2005	251,791.00	100CF	251,815.18
104637	260073175	Southern Cellulose	105 W 45th St	Chattanooga	TN	374101602	2006	545,402.00	100CF	431,955.37
104637	260073175	Southern Cellulose	105 W 45th St	Chattanooga	TN	374101602	2007	390,593.01	100CF	366,606.16
104637	260073175	Southern Cellulose	105 W 45th St	Chattanooga	TN	374101602	2008	210,129.00	100CF	261,552.61
104637	260073175	Southern Cellulose	105 W 45th St	Chattanooga	TN	374101602	2009	117,517.00	100CF	181,400.19
104637	260073175	Southern Cellulose	105 W 45th St	Chattanooga	TN	374101602	12mo end Sept 2010	142,444.00	100CF	210,997.48

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104637 Total										1,704,326.99
104651	260073189	Rdc Inc	555 Williams St	Rossville	GA	30741	2005	2,289.00	100CF	10,467.01
104651	260073189	Rdc Inc	555 Williams St	Rossville	GA	30741	2006	2,212.00	100CF	7,894.40
104651	260073189	Rdc Inc	555 Williams St	Rossville	GA	30741	2007	2,834.00	100CF	7,473.85
104651 Total										25,835.26
104652	260073190	Coats American	200 Maple St	Rossville	GA	30741	2005	588.00	100CF	2,365.98
104652	260073190	Coats American	200 Maple St	Rossville	GA	30741	2006	299.00	100CF	1,761.61
104652	260073190	Coats American	200 Maple St	Rossville	GA	30741	2007	374.00	100CF	1,794.15
104652	260073190	Coats American	200 Maple St	Rossville	GA	30741	2008	45.00	100CF	180.49
104652 Total										6,102.23
104676	260073216	R L Stowe Mills Inc	1100 S Lyerly St	Chattanooga	TN	37404	2005	346,670.00	100CF	302,155.75
104676	260073216	R L Stowe Mills Inc	1100 S Lyerly St	Chattanooga	TN	37404	2006	249,235.00	100CF	259,298.12
104676	260073216	R L Stowe Mills Inc	1100 S Lyerly St	Chattanooga	TN	37404	2007	239,749.00	100CF	263,208.24
104676	260073216	R L Stowe Mills Inc	1100 S Lyerly St	Chattanooga	TN	37404	2008	237,895.00	100CF	277,315.32
104676	260073216	R L Stowe Mills Inc	1100 S Lyerly St	Chattanooga	TN	37404	2009	36,166.00	100CF	50,612.70
104676 Total										1,152,590.13
104684	260073225	Gateway Hosiery Mills	1609 Holtzclaw Ave	Chattanooga	TN	374044802	2005	271.00	100CF	920.15
104684	260073225	Gateway Hosiery Mills	1609 Holtzclaw Ave	Chattanooga	TN	374044802	2006	102.00	100CF	412.02
104684 Total										1,332.17
104687	260073227	Schrader, Herman	1310 E 14TH ST	CHATTANOOGA	TN	374044244	2005	185.00	100CF	684.10
104687	260073227	Schrader, Herman	1310 E 14TH ST	CHATTANOOGA	TN	374044244	2006	76.00	100CF	395.28
104687	260073227	Schrader, Herman	1310 E 14TH ST	CHATTANOOGA	TN	374044244	2007	73.00	100CF	414.24
104687	260073227	Schrader, Herman	1310 E 14TH ST	CHATTANOOGA	TN	374044244	2008	156.00	100CF	685.41
104687	260073227	Schrader, Herman	1310 E 14TH ST	CHATTANOOGA	TN	374044244	2009	103.00	100CF	554.04
104687	260073227	Schrader, Herman	1310 E 14TH ST	CHATTANOOGA	TN	374044244	12mo end Sept 2010	52.00	100CF	393.49
104687 Total										3,126.56
104693	260073232	STRUCTURE GROUP	1100 E 16th St	Chattanooga	TN	374082301	2005	202.00	100CF	534.92
104693	260073232	STRUCTURE GROUP	1100 E 16th St	Chattanooga	TN	374082301	2006	219.00	100CF	586.23
104693	260073232	STRUCTURE GROUP	1100 E 16th St	Chattanooga	TN	374082301	2007	265.00	100CF	765.09
104693	260073232	STRUCTURE GROUP	1100 E 16th St	Chattanooga	TN	374082301	2008	325.00	100CF	978.60
104693	260073232	STRUCTURE GROUP	1100 E 16th St	Chattanooga	TN	374082301	2009	194.00	100CF	608.52
104693	260073232	STRUCTURE GROUP	1100 E 16th St	Chattanooga	TN	374082301	12mo end Sept 2010	161.00	100CF	502.67
104693 Total										3,976.03
104711	260073248	CHATT PUBLISHING CO	466 E 11th St	Chattanooga	TN	374034203	2005	4,064.00	100CF	9,542.34
104711	260073248	CHATT PUBLISHING CO	466 E 11th St	Chattanooga	TN	374034203	2006	4,279.00	100CF	10,246.83
104711	260073248	CHATT PUBLISHING CO	466 E 11th St	Chattanooga	TN	374034203	2007	3,743.00	100CF	9,799.13
104711	260073248	CHATT PUBLISHING CO	466 E 11th St	Chattanooga	TN	374034203	2008	3,568.00	100CF	9,959.43
104711	260073248	CHATT PUBLISHING CO	466 E 11th St	Chattanooga	TN	374034203	2009	3,286.00	100CF	9,743.28
104711	260073248	CHATT PUBLISHING CO	466 E 11th St	Chattanooga	TN	374034203	12mo end Sept 2010	4,132.00	100CF	11,407.27
104711 Total										60,698.28
104724	260073259	Southeast Local Dev Corp	1115 E M L King Blvd	Chattanooga	TN	37402	2005	141.00	100CF	566.50
104724	260073259	Southeast Local Dev Corp	1115 E M L King Blvd	Chattanooga	TN	37402	2006	161.00	100CF	642.98
104724	260073259	Southeast Local Dev Corp	1115 E M L King Blvd	Chattanooga	TN	37402	2007	132.00	100CF	586.81
104724	260073259	Southeast Local Dev Corp	1115 E M L King Blvd	Chattanooga	TN	37402	2008	206.00	100CF	853.03
104724	260073259	Southeast Local Dev Corp	1115 E M L King Blvd	Chattanooga	TN	37402	2009	173.00	100CF	707.01
104724	260073259	Southeast Local Dev Corp	1115 E M L King Blvd	Chattanooga	TN	37402	12mo end Sept 2010	14.00	100CF	129.94
104724 Total										3,486.27
104782	260073317	Cannon Equipment Se Inc	950 Riverside Dr	Chattanooga	TN	374031307	2005	11,610.00	100CF	19,939.57
104782	260073317	Cannon Equipment Se Inc	950 Riverside Dr	Chattanooga	TN	374031307	2006	12,375.00	100CF	21,558.12
104782	260073317	Cannon Equipment Se Inc	950 Riverside Dr	Chattanooga	TN	374031307	2007	13,347.00	100CF	23,994.20
104782	260073317	Cannon Equipment Se Inc	950 Riverside Dr	Chattanooga	TN	374031307	2008	14,535.00	100CF	27,138.80
104782	260073317	Cannon Equipment Se Inc	950 Riverside Dr	Chattanooga	TN	374031307	2009	13,823.00	100CF	26,993.49
104782	260073317	Cannon Equipment Se Inc	950 Riverside Dr	Chattanooga	TN	374031307	12mo end Sept 2010	13,066.00	100CF	25,853.43

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Acct#	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
104782 Total										145,477.61
104839	260073375	Buster Brown Properties LLC	2001 N Chamberlain Ave	Chattanooga	TN	374063853	2005	487.00	100CF	1,501.06
104839	260073375	Buster Brown Properties LLC	2001 N Chamberlain Ave	Chattanooga	TN	374063853	2006	360.00	100CF	1,152.33
104839	260073375	Buster Brown Properties LLC	2001 N Chamberlain Ave	Chattanooga	TN	374063853	2007	374.00	100CF	1,279.85
104839	260073375	Buster Brown Properties LLC	2001 N Chamberlain Ave	Chattanooga	TN	374063853	2008	729.00	100CF	2,151.99
104839	260073375	Buster Brown Properties LLC	2001 N Chamberlain Ave	Chattanooga	TN	374063853	2009	915.00	100CF	2,779.67
104839	260073375	Buster Brown Properties LLC	2001 N Chamberlain Ave	Chattanooga	TN	374063853	12mo end Sept 2010	478.00	100CF	1,753.65
104839 Total										10,618.55
104844	260073381	PIONEER MAT COMPANY	2000 Stuart st	CHATTANOOGA	TN	374065202	2005	253.00	100CF	1,548.56
104844	260073381	PIONEER MAT COMPANY	2000 Stuart st	CHATTANOOGA	TN	374065202	2006	234.00	100CF	1,510.26
104844	260073381	PIONEER MAT COMPANY	2000 Stuart st	CHATTANOOGA	TN	374065202	2007	141.00	100CF	1,338.14
104844	260073381	PIONEER MAT COMPANY	2000 Stuart st	CHATTANOOGA	TN	374065202	2008	200.00	100CF	1,605.99
104844	260073381	PIONEER MAT COMPANY	2000 Stuart st	CHATTANOOGA	TN	374065202	2009	104.00	100CF	998.28
104844	260073381	PIONEER MAT COMPANY	2000 Stuart st	CHATTANOOGA	TN	374065202	12mo end Sept 2010	16.00	100CF	234.85
104844 Total										7,236.08
104848	260073384	W R Grace Company	4000 N HAWTHORNE ST	CHATTANOOGA	TN	374061313	2005	42,971.00	100CF	70,920.13
104848	260073384	W R Grace Company	4000 N HAWTHORNE ST	CHATTANOOGA	TN	374061313	2006	33,075.00	100CF	58,967.07
104848	260073384	W R Grace Company	4000 N HAWTHORNE ST	CHATTANOOGA	TN	374061313	2007	43,942.00	100CF	77,837.94
104848	260073384	W R Grace Company	4000 N HAWTHORNE ST	CHATTANOOGA	TN	374061313	2008	41,059.00	100CF	78,420.69
104848	260073384	W R Grace Company	4000 N HAWTHORNE ST	CHATTANOOGA	TN	374061313	2009	29,683.00	100CF	84,167.29
104848	260073384	W R Grace Company	4000 N HAWTHORNE ST	CHATTANOOGA	TN	374061313	12mo end Sept 2010	28,732.00	100CF	62,951.37
104848 Total										413,264.49
104853	260073387	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2005	69,208.00	100CF	92,388.42
104853	260073387	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2006	65,174.00	100CF	88,601.65
104853	260073387	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2007	67,260.00	100CF	97,200.18
104853	260073387	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2008	68,713.00	100CF	105,315.65
104853	260073387	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2009	63,125.00	100CF	100,901.19
104853	260073387	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	12mo end Sept 2010	63,043.00	100CF	101,553.71
104853 Total										585,960.80
104854	260073388	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2005	-	100CF	110.06
104854	260073388	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2006	-	100CF	111.12
104854	260073388	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2007	-	100CF	118.50
104854	260073388	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2008	235.00	100CF	643.18
104854	260073388	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	2009	-	100CF	130.56
104854	260073388	Mueller Co	1401 Mueller Ave	Chattanooga	TN	374061344	12mo end Sept 2010	-	100CF	130.56
104854 Total										1,243.98
104856	260073390	ALCO CHEMICAL CORP	909 Mueller Ave	Chattanooga	TN	374061334	2005	41,129.00	100CF	59,028.73
104856	260073390	ALCO CHEMICAL CORP	909 Mueller Ave	Chattanooga	TN	374061334	2006	36,605.00	100CF	53,194.57
104856	260073390	ALCO CHEMICAL CORP	909 Mueller Ave	Chattanooga	TN	374061334	2007	37,541.00	100CF	58,173.59
104856	260073390	ALCO CHEMICAL CORP	909 Mueller Ave	Chattanooga	TN	374061334	2008	42,537.00	100CF	68,885.58
104856	260073390	ALCO CHEMICAL CORP	909 Mueller Ave	Chattanooga	TN	374061334	2009	18,130.00	100CF	30,975.90
104856 Total										270,258.37
104865	260073399	CHATT COCA-COLA BOTTLING	4000 Amnicola Hwy	Chattanooga	TN	374061007	2005	298,472.00	100CF	273,663.72
104865	260073399	CHATT COCA-COLA BOTTLING	4000 Amnicola Hwy	Chattanooga	TN	374061007	2006	254,921.00	100CF	247,203.52
104865	260073399	CHATT COCA-COLA BOTTLING	4000 Amnicola Hwy	Chattanooga	TN	374061007	2007	285,709.00	100CF	284,500.58
104865	260073399	CHATT COCA-COLA BOTTLING	4000 Amnicola Hwy	Chattanooga	TN	374061007	2008	248,260.00	100CF	274,966.76
104865	260073399	CHATT COCA-COLA BOTTLING	4000 Amnicola Hwy	Chattanooga	TN	374061007	2009	244,568.00	100CF	281,684.18
104865	260073399	CHATT COCA-COLA BOTTLING	4000 Amnicola Hwy	Chattanooga	TN	374061007	12mo end Sept 2010	253,488.00	100CF	288,113.30
104865 Total										1,650,132.06
104867	260073401	Na Industries Inc	2651 Riverport Rd #16	Chattanooga	TN	374061723	2005	86,441.00	100CF	107,744.24
104867	260073401	Na Industries Inc	2651 Riverport Rd #16	Chattanooga	TN	374061723	2006	86,661.00	100CF	109,297.38
104867	260073401	Na Industries Inc	2651 Riverport Rd #16	Chattanooga	TN	374061723	2007	94,464.00	100CF	125,272.62
104867	260073401	Na Industries Inc	2651 Riverport Rd #16	Chattanooga	TN	374061723	2008	111,645.00	100CF	151,671.58

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
104867	260073401	Na Industries Inc	2651 Riverport Rd #16	Chattanooga	TN	374061723	2009	104,240.00	100CF	148,624.48
104867	260073401	Na Industries Inc	2651 Riverport Rd #16	Chattanooga	TN	374061723	12mo end Sept 2010	103,218.00	100CF	147,448.17
104867 Total										
104868	260073402	Southern Centrifugal Inc	4106 S Creek Rd	Chattanooga	TN	374061021	2005	1,852.00	100CF	790,058.47
104868	260073402	Southern Centrifugal Inc	4106 S Creek Rd	Chattanooga	TN	374061021	2006	2,116.00	100CF	5,440.30
104868	260073402	Southern Centrifugal Inc	4106 S Creek Rd	Chattanooga	TN	374061021	2007	3,151.00	100CF	6,286.30
104868	260073402	Southern Centrifugal Inc	4106 S Creek Rd	Chattanooga	TN	374061021	2008	3,140.00	100CF	8,682.34
104868	260073402	Southern Centrifugal Inc	4106 S Creek Rd	Chattanooga	TN	374061021	2009	3,991.00	100CF	9,129.02
104868	260073402	Southern Centrifugal Inc	4106 S Creek Rd	Chattanooga	TN	374061021	12mo end Sept 2010	2,726.00	100CF	11,157.77
104868 Total										
104869	260073403	Tenn Valley Ice Co.	4116 S Creek Rd	Chattanooga	TN	374061021	2005	10,716.00	100CF	8,614.90
104869	260073403	Tenn Valley Ice Co.	4116 S Creek Rd	Chattanooga	TN	374061021	2006	11,118.00	100CF	49,310.63
104869	260073403	Tenn Valley Ice Co.	4116 S Creek Rd	Chattanooga	TN	374061021	2007	11,387.00	100CF	17,809.93
104869	260073403	Tenn Valley Ice Co.	4116 S Creek Rd	Chattanooga	TN	374061021	2008	12,876.00	100CF	18,514.48
104869	260073403	Tenn Valley Ice Co.	4116 S Creek Rd	Chattanooga	TN	374061021	2009	11,831.00	100CF	20,322.18
104869	260073403	Tenn Valley Ice Co.	4116 S Creek Rd	Chattanooga	TN	374061021	12mo end Sept 2010	11,843.00	100CF	23,539.44
104869 Total										
104876	260073410	BASF Corporation	3805 AMNICOLA HWY	CHATTANOOGA	TN	374061004	2005	113,530.00	100CF	22,709.27
104876	260073410	BASF Corporation	3805 AMNICOLA HWY	CHATTANOOGA	TN	374061004	2006	115,387.00	100CF	22,396.11
104876	260073410	BASF Corporation	3805 AMNICOLA HWY	CHATTANOOGA	TN	374061004	2007	121,248.00	100CF	125,291.41
104876	260073410	BASF Corporation	3805 AMNICOLA HWY	CHATTANOOGA	TN	374061004	2008	128,744.00	100CF	134,535.37
104876	260073410	BASF Corporation	3805 AMNICOLA HWY	CHATTANOOGA	TN	374061004	2009	107,526.00	100CF	137,573.30
104876	260073410	BASF Corporation	3805 AMNICOLA HWY	CHATTANOOGA	TN	374061004	12mo end Sept 2010	126,379.00	100CF	154,096.82
104876 Total										
104878	260073412	The Pepsi Bottling Group	3609 Amnicola Hwy	Chattanooga	TN	374064704	2005	286.00	100CF	170,623.45
104878	260073412	The Pepsi Bottling Group	3609 Amnicola Hwy	Chattanooga	TN	374064704	2006	353.00	100CF	151,793.83
104878	260073412	The Pepsi Bottling Group	3609 Amnicola Hwy	Chattanooga	TN	374064704	2007	326.00	100CF	174,252.63
104878	260073412	The Pepsi Bottling Group	3609 Amnicola Hwy	Chattanooga	TN	374064704	2008	351.00	100CF	922,875.40
104878	260073412	The Pepsi Bottling Group	3609 Amnicola Hwy	Chattanooga	TN	374064704	2009	375.00	100CF	1,638.04
104878	260073412	The Pepsi Bottling Group	3609 Amnicola Hwy	Chattanooga	TN	374064704	12mo end Sept 2010	88.00	100CF	1,835.13
104878 Total										
104879	260073413	T E Capital Partners	Judd Rd	Chattanooga	TN	37406	2005	99.00	100CF	1,879.88
104879	260073413	T E Capital Partners	Judd Rd	Chattanooga	TN	37406	2006	211.00	100CF	2,653.18
104879	260073413	T E Capital Partners	Judd Rd	Chattanooga	TN	37406	2007	196.00	100CF	2,219.46
104879	260073413	T E Capital Partners	Judd Rd	Chattanooga	TN	37406	2008	64.00	100CF	2,149.84
104879	260073413	T E Capital Partners	Judd Rd	Chattanooga	TN	37406	2009	86.00	100CF	12,375.13
104879	260073413	T E Capital Partners	Judd Rd	Chattanooga	TN	37406	12mo end Sept 2010	141.00	100CF	226.90
104879 Total										
104880	260073414	Archer Daniels Midland Co	1200 Judd Rd	Chattanooga	TN	374064711	2005	33.00	100CF	258.37
104880	260073414	Archer Daniels Midland Co	1200 Judd Rd	Chattanooga	TN	374064711	2006	41.00	100CF	604.10
104880	260073414	Archer Daniels Midland Co	1200 Judd Rd	Chattanooga	TN	374064711	2007	62.00	100CF	593.82
104880	260073414	Archer Daniels Midland Co	1200 Judd Rd	Chattanooga	TN	374064711	2008	135.00	100CF	191.60
104880	260073414	Archer Daniels Midland Co	1200 Judd Rd	Chattanooga	TN	374064711	2009	156.00	100CF	262.14
104880	260073414	Archer Daniels Midland Co	1200 Judd Rd	Chattanooga	TN	374064711	12mo end Sept 2010	156.00	100CF	2,136.73
104880 Total										
104882	260073416	Cargill V #50026797	1 Riverside Ln	Chattanooga	TN	374061725	2005	33.00	100CF	548.30
104882	260073416	Cargill V #50026797	1 Riverside Ln	Chattanooga	TN	374061725	2006	41.00	100CF	328.19
104882	260073416	Cargill V #50026797	1 Riverside Ln	Chattanooga	TN	374061725	2007	62.00	100CF	338.97
104882	260073416	Cargill V #50026797	1 Riverside Ln	Chattanooga	TN	374061725	2008	84.00	100CF	385.56
104882	260073416	Cargill V #50026797	1 Riverside Ln	Chattanooga	TN	374061725	2009	135.00	100CF	474.00
104882	260073416	Cargill V #50026797	1 Riverside Ln	Chattanooga	TN	374061725	12mo end Sept 2010	156.00	100CF	653.65
104882 Total										
104883	260073417	Horizon Milling, LLC.	1 Riverside Ln	Chattanooga	TN	374061725	2005	10,943.00	100CF	2,901.35
104883	260073417	Horizon Milling, LLC.	1 Riverside Ln	Chattanooga	TN	374061725	2006	11,491.00	100CF	17,712.59
104883	260073417	Horizon Milling, LLC.	1 Riverside Ln	Chattanooga	TN	374061725	2007	14,881.00	100CF	18,968.84
104883	260073417	Horizon Milling, LLC.	1 Riverside Ln	Chattanooga	TN	374061725	2008	12,751.00	100CF	25,368.48
104883	260073417	Horizon Milling, LLC.	1 Riverside Ln	Chattanooga	TN	374061725	2009	11,250.00	100CF	23,362.73
104883	260073417	Horizon Milling, LLC.	1 Riverside Ln	Chattanooga	TN	374061725	12mo end Sept 2010	11,261.00	100CF	21,856.17
104883 Total										

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
104883 Total										129,047.91
104888	260073422	Cherokee Warehouse	2001 Riverside Dr	Chattanooga	TN	374064324	2005	617.00	100CF	2,394.85
104888	260073422	Cherokee Warehouse	2001 Riverside Dr	Chattanooga	TN	374064324	2006	471.00	100CF	2,157.27
104888	260073422	Cherokee Warehouse	2001 Riverside Dr	Chattanooga	TN	374064324	2007	664.00	100CF	2,840.34
104888	260073422	Cherokee Warehouse	2001 Riverside Dr	Chattanooga	TN	374064324	2008	1,017.00	100CF	3,863.85
104888	260073422	Cherokee Warehouse	2001 Riverside Dr	Chattanooga	TN	374064324	2009	1,169.00	100CF	4,293.85
104888	260073422	Cherokee Warehouse	2001 Riverside Dr	Chattanooga	TN	374064324	12mo end Sept 2010	720.00	100CF	3,297.27
104888 Total										18,847.43
104941	260073468	Planters Snacks Lifesaver	3002 Jersey Pike	Chattanooga	TN	374216208	2005	10,352.00	100CF	18,107.82
104941 Total										18,107.82
104942	260073469	Planters Snacks Lifesaver	3002 Jersey Pike	Chattanooga	TN	374216208	2005	13,699.00	100CF	22,464.06
104942 Total										22,464.06
104943	260073470	Farleys and Sathers Candy Co	4120 Jersey Pike	Chattanooga	TN	374212201	2005	71,491.00	100CF	92,300.82
104943	260073470	Farleys and Sathers Candy Co	4120 Jersey Pike	Chattanooga	TN	374212201	2006	63,133.00	100CF	85,271.77
104943	260073470	Farleys and Sathers Candy Co	4120 Jersey Pike	Chattanooga	TN	374212201	2007	73,823.00	100CF	102,077.48
104943	260073470	Farleys and Sathers Candy Co	4120 Jersey Pike	Chattanooga	TN	374212201	2008	46,013.00	100CF	72,760.31
104943	260073470	Farleys and Sathers Candy Co	4120 Jersey Pike	Chattanooga	TN	374212201	2009	29,958.00	100CF	51,292.80
104943	260073470	Farleys and Sathers Candy Co	4120 Jersey Pike	Chattanooga	TN	374212201	12mo end Sept 2010	35,699.00	100CF	59,938.73
104943 Total										463,641.71
104973	260073498	Basf Corporation	2120 Polymer Dr	Chattanooga	TN	374212207	2005	72,037.00	100CF	95,035.98
104973	260073498	Basf Corporation	2120 Polymer Dr	Chattanooga	TN	374212207	2006	75,863.00	100CF	101,670.80
104973	260073498	Basf Corporation	2120 Polymer Dr	Chattanooga	TN	374212207	2007	73,152.00	100CF	104,247.89
104973	260073498	Basf Corporation	2120 Polymer Dr	Chattanooga	TN	374212207	2008	75,728.00	100CF	113,140.69
104973	260073498	Basf Corporation	2120 Polymer Dr	Chattanooga	TN	374212207	2009	70,360.00	100CF	110,675.64
104973	260073498	Basf Corporation	2120 Polymer Dr	Chattanooga	TN	374212207	12mo end Sept 2010	80,003.00	100CF	122,042.06
104973 Total										646,813.06
110923	260077834	Sofix Corporation	2800 Riverport Rd	Chattanooga	TN	374061702	2005	10,152.00	100CF	19,224.22
110923	260077834	Sofix Corporation	2800 Riverport Rd	Chattanooga	TN	374061702	2006	13,321.00	100CF	23,451.56
110923	260077834	Sofix Corporation	2800 Riverport Rd	Chattanooga	TN	374061702	2007	13,791.00	100CF	25,290.54
110923	260077834	Sofix Corporation	2800 Riverport Rd	Chattanooga	TN	374061702	2008	16,390.00	100CF	31,069.89
110923	260077834	Sofix Corporation	2800 Riverport Rd	Chattanooga	TN	374061702	2009	12,179.00	100CF	25,831.97
110923	260077834	Sofix Corporation	2800 Riverport Rd	Chattanooga	TN	374061702	12mo end Sept 2010	14,423.00	100CF	29,211.44
110923 Total										154,079.62
112440	260078914	Fibron	4019 Industry Dr	Chattanooga	TN	374163812	2005	541.00	100CF	3,262.62
112440	260078914	Fibron	4019 Industry Dr	Chattanooga	TN	374163812	2006	482.00	100CF	3,324.80
112440	260078914	Fibron	4019 Industry Dr	Chattanooga	TN	374163812	2007	466.00	100CF	3,328.38
112440	260078914	Fibron	4019 Industry Dr	Chattanooga	TN	374163812	2008	80.00	100CF	595.90
112440 Total										10,511.70
112729	260079110	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2005	2,008.00	100CF	4,371.13
112729	260079110	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2006	3,029.00	100CF	6,174.26
112729	260079110	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2007	4,736.00	100CF	9,797.37
112729	260079110	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2008	1,813.00	100CF	4,647.12
112729	260079110	R L Stowe Mills Inc	10 Mercer St	Lupton City	TN	37351	2009	255.00	100CF	792.22
112729 Total										25,782.10
113306	260079468	Alco Chemical Corporation	909 Mueller Ave	Chattanooga	TN	374061334	2005	18,990.00	100CF	29,262.64
113306	260079468	Alco Chemical Corporation	909 Mueller Ave	Chattanooga	TN	374061334	2006	20,380.00	100CF	31,382.56
113306	260079468	Alco Chemical Corporation	909 Mueller Ave	Chattanooga	TN	374061334	2007	20,488.00	100CF	33,584.14
113306	260079468	Alco Chemical Corporation	909 Mueller Ave	Chattanooga	TN	374061334	2008	20,999.00	100CF	36,491.86
113306	260079468	Alco Chemical Corporation	909 Mueller Ave	Chattanooga	TN	374061334	2009	10,098.00	100CF	18,295.60
113306 Total										149,016.80
113405	260079542	Metals Usa Chattanooga	401 River Terminal Rd	Chattanooga	TN	374061722	2005	109.00	100CF	282.88
113405	260079542	Metals Usa Chattanooga	401 River Terminal Rd	Chattanooga	TN	374061722	2006	98.00	100CF	255.90
113405	260079542	Metals Usa Chattanooga	401 River Terminal Rd	Chattanooga	TN	374061722	2007	13.00	100CF	125.86

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
113405	260079542	Metals Usa Chattanooga	401 River Terminal Rd	Chattanooga	TN	374061722	2008	61.00	100CF	213.39
113405 Total										
113823	260079832	Steward Advance Materials	1200 E 36th St	Chattanooga	TN	374072489	2005	327.00	100CF	878.03
113823	260079832	Steward Advance Materials	1200 E 36th St	Chattanooga	TN	374072489	2006	322.00	100CF	1,377.49
113823	260079832	Steward Advance Materials	1200 E 36th St	Chattanooga	TN	374072489	2007	300.00	100CF	1,377.78
113823	260079832	Steward Advance Materials	1200 E 36th St	Chattanooga	TN	374072489	2008	389.00	100CF	1,413.42
113823	260079832	Steward Advance Materials	1200 E 36th St	Chattanooga	TN	374072489	2009	389.00	100CF	1,779.81
113823	260079832	Steward Advance Materials	1200 E 36th St	Chattanooga	TN	374072489	12mo end Sept 2010	289.00	100CF	1,833.53
113823 Total										
114635	260080709	Komatsu American Mfg	Runyan Dr	Chattanooga	TN	37405	2005	601.00	100CF	9,294.87
114635	260080709	Komatsu American Mfg	Runyan Dr	Chattanooga	TN	37405	2006	697.00	100CF	2,364.35
114635	260080709	Komatsu American Mfg	Runyan Dr	Chattanooga	TN	37405	2007	3,032.00	100CF	2,579.37
114635	260080709	Komatsu American Mfg	Runyan Dr	Chattanooga	TN	37405	2008	1,166.00	100CF	7,519.58
114635	260080709	Komatsu American Mfg	Runyan Dr	Chattanooga	TN	37405	2009	554.00	100CF	4,030.99
114635	260080709	Komatsu American Mfg	Runyan Dr	Chattanooga	TN	37405	12mo end Sept 2010	758.00	100CF	2,800.66
114635 Total										
114637	260080711	Executive Flight Inc	351 Nowlin Ln	Chattanooga	TN	374213573	2005	1,115.00	100CF	3,179.57
114637	260080711	Executive Flight Inc	351 Nowlin Ln	Chattanooga	TN	374213573	2006	1,201.00	100CF	22,474.52
114637	260080711	Executive Flight Inc	351 Nowlin Ln	Chattanooga	TN	374213573	2007	17.00	100CF	2,322.84
114637	260080711	Executive Flight Inc	351 Nowlin Ln	Chattanooga	TN	374213573	2008	18.00	100CF	2,505.97
114637	260080711	Executive Flight Inc	351 Nowlin Ln	Chattanooga	TN	374213573	2009	24.00	100CF	335.39
114637	260080711	Executive Flight Inc	351 Nowlin Ln	Chattanooga	TN	374213573	12mo end Sept 2010	68.00	100CF	356.15
114637 Total										
115309	260081136	Chattlem Inc.	1715 W 38TH ST	CHATTANOOGA	TN	374091248	2005	5,531.00	100CF	6,437.02
115309	260081136	Chattlem Inc.	1715 W 38TH ST	CHATTANOOGA	TN	374091248	2006	4,945.00	100CF	11,591.74
115309	260081136	Chattlem Inc.	1715 W 38TH ST	CHATTANOOGA	TN	374091248	2007	6,818.00	100CF	10,955.72
115309	260081136	Chattlem Inc.	1715 W 38TH ST	CHATTANOOGA	TN	374091248	2008	13,202.00	100CF	14,577.47
115309	260081136	Chattlem Inc.	1715 W 38TH ST	CHATTANOOGA	TN	374091248	2009	16,808.00	100CF	24,848.33
115309	260081136	Chattlem Inc.	1715 W 38TH ST	CHATTANOOGA	TN	374091248	12mo end Sept 2010	17,404.00	100CF	31,050.89
115309 Total										
115676	260081421	JONES PRINTING	2205 DODSON AVE	CHATTANOOGA	TN	374062411	2005	320.00	100CF	31,948.45
115676	260081421	JONES PRINTING	2205 DODSON AVE	CHATTANOOGA	TN	374062411	2006	360.00	100CF	124,972.60
115676	260081421	JONES PRINTING	2205 DODSON AVE	CHATTANOOGA	TN	374062411	2007	180.00	100CF	1,051.68
115676	260081421	JONES PRINTING	2205 DODSON AVE	CHATTANOOGA	TN	374062411	2008	101.00	100CF	1,170.60
115676	260081421	JONES PRINTING	2205 DODSON AVE	CHATTANOOGA	TN	374062411	2009	95.00	100CF	711.08
115676	260081421	JONES PRINTING	2205 DODSON AVE	CHATTANOOGA	TN	374062411	12mo end Sept 2010	134.00	100CF	525.57
115676 Total										
115854	260081567	Lucey Boiler Co	901 S Holizclaw Ave APT# B	Chattanooga	TN	374044104	2005	18.00	100CF	4,634.75
115854	260081567	Lucey Boiler Co	901 S Holizclaw Ave APT# B	Chattanooga	TN	374044104	2006	2.00	100CF	132.23
115854	260081567	Lucey Boiler Co	901 S Holizclaw Ave APT# B	Chattanooga	TN	374044104	2007	4.00	100CF	111.46
115854	260081567	Lucey Boiler Co	901 S Holizclaw Ave APT# B	Chattanooga	TN	374044104	2008	-	100CF	119.12
115854	260081567	Lucey Boiler Co	901 S Holizclaw Ave APT# B	Chattanooga	TN	374044104	2009	-	100CF	127.35
115854	260081567	Lucey Boiler Co	901 S Holizclaw Ave APT# B	Chattanooga	TN	374044104	12mo end Sept 2010	31.00	100CF	130.56
115854 Total										
115883	260081594	Chattlem Chemicals Inc	1713 W 38th St	Chattanooga	TN	374091248	2005	42,574.00	100CF	802.62
115883	260081594	Chattlem Chemicals Inc	1713 W 38th St	Chattanooga	TN	374091248	2006	44,865.00	100CF	58,278.15
115883	260081594	Chattlem Chemicals Inc	1713 W 38th St	Chattanooga	TN	374091248	2007	42,196.00	100CF	62,133.26
115883	260081594	Chattlem Chemicals Inc	1713 W 38th St	Chattanooga	TN	374091248	2008	43,697.00	100CF	62,400.91
115883	260081594	Chattlem Chemicals Inc	1713 W 38th St	Chattanooga	TN	374091248	2009	49,651.00	100CF	68,584.91
115883	260081594	Chattlem Chemicals Inc	1713 W 38th St	Chattanooga	TN	374091248	12mo end Sept 2010	47,345.00	100CF	79,782.24
115883 Total										
116321	260081915	Cargill Inc Corn Mill	1 Riverside Ln #C	Chattanooga	TN	374061725	2005	5,479.00	100CF	407,488.87
116321	260081915	Cargill Inc Corn Mill	1 Riverside Ln #C	Chattanooga	TN	374061725	2006	4,382.00	100CF	10,769.62
116321 Total										

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
116321	260081915	Cargill Inc Corn Mill	1 Riverside Ln #C	Chattanooga	TN	374061725	2007	3,071.00	100CF	7,378.55
116321	260081915	Cargill Inc Corn Mill	1 Riverside Ln #C	Chattanooga	TN	374061725	2008	3,377.00	100CF	9,159.98
116321	260081915	Cargill Inc Corn Mill	1 Riverside Ln #C	Chattanooga	TN	374061725	2009	4,806.00	100CF	11,195.20
116321	260081915	Cargill Inc Corn Mill	1 Riverside Ln #C	Chattanooga	TN	374061725	12mo end Sept 2010	3,918.00	100CF	9,844.00
116321 Total										
116584	260082116	Southern Cellulose	4201 Dorris St	Chattanooga	TN	374101750	2005	13,185.00	100CF	57,416.87
116584	260082116	Southern Cellulose	4201 Dorris St	Chattanooga	TN	374101750	2006	14,777.00	100CF	21,842.48
116584	260082116	Southern Cellulose	4201 Dorris St	Chattanooga	TN	374101750	2007	16,397.00	100CF	24,637.47
116584	260082116	Southern Cellulose	4201 Dorris St	Chattanooga	TN	374101750	2008	17,631.00	100CF	28,528.43
116584	260082116	Southern Cellulose	4201 Dorris St	Chattanooga	TN	374101750	2009	15,279.00	100CF	31,661.42
116584	260082116	Southern Cellulose	4201 Dorris St	Chattanooga	TN	374101750	12mo end Sept 2010	17,305.00	100CF	28,917.45
116584 Total										
117218	260082543	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2005	87.00	100CF	32,237.34
117218	260082543	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2006	105.00	100CF	167,824.59
117218	260082543	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2007	76.00	100CF	729.07
117218	260082543	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2008	54.00	100CF	785.37
117218	260082543	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	2009	47.00	100CF	754.31
117218	260082543	American Manufacturing	3600 N Hawthorne St	Chattanooga	TN	374061305	12mo end Sept 2010	100.00	100CF	735.78
117218 Total										
117379	260082841	Rosville Chromatex	1400 E 42nd St	Chattanooga	TN	374072905	2005	436.00	100CF	766.76
117379	260082841	Rosville Chromatex	1400 E 42nd St	Chattanooga	TN	374072905	2006	142.00	100CF	918.70
117379	260082841	Rosville Chromatex	1400 E 42nd St	Chattanooga	TN	374072905	2007	377.00	100CF	4,689.99
117379	260082841	Rosville Chromatex	1400 E 42nd St	Chattanooga	TN	374072905	2008	26.00	100CF	1,165.61
117379	260082841	Rosville Chromatex	1400 E 42nd St	Chattanooga	TN	374072905	2009	26.00	100CF	575.46
117379	260082841	Rosville Chromatex	1400 E 42nd St	Chattanooga	TN	374072905	12mo end Sept 2010	26.00	100CF	1,165.81
117379 Total										
117493	260082741	Tiftonia TN Lodging LLC	3725 Modern Ind Pky	Chattanooga	TN	374192383	2005	3,879.00	100CF	3,057.30
117493	260082741	Tiftonia TN Lodging LLC	3725 Modern Ind Pky	Chattanooga	TN	374192383	2006	4,205.00	100CF	8,243.32
117493	260082741	Tiftonia TN Lodging LLC	3725 Modern Ind Pky	Chattanooga	TN	374192383	2007	3,836.00	100CF	9,013.33
117493	260082741	Tiftonia TN Lodging LLC	3725 Modern Ind Pky	Chattanooga	TN	374192383	2008	2,991.00	100CF	8,873.37
117493	260082741	Tiftonia TN Lodging LLC	3725 Modern Ind Pky	Chattanooga	TN	374192383	2009	2,458.00	100CF	7,708.23
117493	260082741	Tiftonia TN Lodging LLC	3725 Modern Ind Pky	Chattanooga	TN	374192383	12mo end Sept 2010	2,479.00	100CF	6,906.67
117493 Total										
120249	260083919	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2005	397.00	100CF	6,948.98
120249	260083919	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2006	439.00	100CF	47,693.90
120249	260083919	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2007	456.00	100CF	1,257.52
120249	260083919	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2008	290.00	100CF	1,458.49
120249	260083919	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2009	168.00	100CF	1,576.56
120249	260083919	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	12mo end Sept 2010	189.00	100CF	1,148.86
120249 Total										
120279	260083931	Koch Food LLC	1835 Kerr St	Chattanooga	TN	374082017	2005	558,999.00	100CF	807.55
120279	260083931	Koch Food LLC	1835 Kerr St	Chattanooga	TN	374082017	2006	725,750.00	100CF	886.94
120279	260083931	Koch Food LLC	1835 Kerr St	Chattanooga	TN	374082017	2007	692,104.01	100CF	7,135.92
120279	260083931	Koch Food LLC	1835 Kerr St	Chattanooga	TN	374082017	2008	659,007.00	100CF	420,943.66
120279	260083931	Koch Food LLC	1835 Kerr St	Chattanooga	TN	374082017	2009	674,074.00	100CF	531,000.34
120279	260083931	Koch Food LLC	1835 Kerr St	Chattanooga	TN	374082017	12mo end Sept 2010	623,240.00	100CF	542,245.19
120279 Total										
120908	260084205	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2005	853.00	100CF	551,061.00
120908	260084205	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2006	645.00	100CF	584,545.89
120908	260084205	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2007	74.00	100CF	550,099.08
120908	260084205	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2008	212.00	100CF	3,179,895.16
120908	260084205	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	2009	723.00	100CF	2,021.20
120908	260084205	SIGNAL MOUNTAIN CEMENT	1203 Suck Creek Rd	Chattanooga	TN	374059713	12mo end Sept 2010	10,781.00	100CF	1,747.27
120908 Total										
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2005	10,781.00	100CF	322.64
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2006	10,781.00	100CF	684.94
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2007	10,781.00	100CF	1,303.56
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2008	10,781.00	100CF	1,805.07
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2009	10,781.00	100CF	6,711.68
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	12mo end Sept 2010	10,781.00	100CF	17,873.66

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2006	8,605.00	100CF	15,647.90
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2007	8,331.00	100CF	16,089.33
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2008	6,879.00	100CF	14,742.90
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	2009	13,283.00	100CF	24,998.81
121164	260084378	Southern Champion Tray	220 Compress St	Chattanooga	TN	374053724	12mo end Sept 2010	10,411.00	100CF	20,686.81
121164 Total										
128191	260085156	SIGNAL MTN CEMENT CO	1201 Suck Creek Rd	Chattanooga	TN	374059713	2005	1,233.00	100CF	110,039.41
128191	260085156	SIGNAL MTN CEMENT CO	1201 Suck Creek Rd	Chattanooga	TN	374059713	2006	865.00	100CF	3,373.18
128191	260085156	SIGNAL MTN CEMENT CO	1201 Suck Creek Rd	Chattanooga	TN	374059713	2007	830.00	100CF	2,698.70
128191	260085156	SIGNAL MTN CEMENT CO	1201 Suck Creek Rd	Chattanooga	TN	374059713	2008	763.00	100CF	2,721.69
128191	260085156	SIGNAL MTN CEMENT CO	1201 Suck Creek Rd	Chattanooga	TN	374059713	2009	770.00	100CF	2,646.61
128191	260085156	SIGNAL MTN CEMENT CO	1201 Suck Creek Rd	Chattanooga	TN	374059713	12mo end Sept 2010	356.00	100CF	2,678.73
128191 Total										
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	318 WAUHATCHIE PIKE	Chattanooga	TN	374192329	2005	561.00	100CF	15,770.32
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	318 WAUHATCHIE PIKE	Chattanooga	TN	374192329	2006	14,317.00	100CF	2,965.99
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	318 WAUHATCHIE PIKE	Chattanooga	TN	374192329	2007	13,221.00	100CF	23,775.50
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	318 WAUHATCHIE PIKE	Chattanooga	TN	374192329	2008	9,196.00	100CF	23,780.72
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	318 WAUHATCHIE PIKE	Chattanooga	TN	374192329	2009	6,114.00	100CF	19,342.19
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	318 WAUHATCHIE PIKE	Chattanooga	TN	374192329	12mo end Sept 2010	8,072.00	100CF	15,091.03
129119 Total										
130156	260073101	Southern Foundry Supply	515 W 19th St	Chattanooga	TN	374081006	2005	258.00	100CF	103,275.59
130156	260073101	Southern Foundry Supply	515 W 19th St	Chattanooga	TN	374081006	2006	71.00	100CF	1,569.70
130156 Total										
130177	260073102	Southern Foundry Supply	515 W 19th St	Chattanooga	TN	374081006	2005	4,115.00	100CF	2,526.33
130177	260073102	Southern Foundry Supply	515 W 19th St	Chattanooga	TN	374081006	2006	6,508.00	100CF	8,633.60
130177	260073102	Southern Foundry Supply	515 W 19th St	Chattanooga	TN	374081006	2007	6,662.00	100CF	12,501.41
130177	260073102	Southern Foundry Supply	515 W 19th St	Chattanooga	TN	374081006	2008	6,429.00	100CF	13,554.28
130177	260073102	Southern Foundry Supply	515 W 19th St	Chattanooga	TN	374081006	2009	3,737.00	100CF	13,788.66
130177	260073102	Southern Foundry Supply	515 W 19th St	Chattanooga	TN	374081006	12mo end Sept 2010	4,763.00	100CF	9,483.66
130177 Total										
130184	260011212	Southern Foundry Supply	1847 Grove St	Chattanooga	TN	37408	2005	214.00	100CF	69,474.38
130184	260011212	Southern Foundry Supply	1847 Grove St	Chattanooga	TN	37408	2006	248.00	100CF	759.93
130184	260011212	Southern Foundry Supply	1847 Grove St	Chattanooga	TN	37408	2007	187.00	100CF	880.49
130184	260011212	Southern Foundry Supply	1847 Grove St	Chattanooga	TN	37408	2008	181.00	100CF	749.15
130184	260011212	Southern Foundry Supply	1847 Grove St	Chattanooga	TN	37408	2009	113.00	100CF	773.04
130184	260011212	Southern Foundry Supply	1847 Grove St	Chattanooga	TN	37408	12mo end Sept 2010	123.00	100CF	583.19
130184 Total										
131246	260011425	PILGRIM'S PRIDE #79532	1505 Broad St	Chattanooga	TN	374081110	2005	288.00	100CF	4,360.90
131246	260011425	PILGRIM'S PRIDE #79532	1505 Broad St	Chattanooga	TN	374081110	2006	389.00	100CF	1,652.11
131246	260011425	PILGRIM'S PRIDE #79532	1505 Broad St	Chattanooga	TN	374081110	2007	321.00	100CF	2,006.03
131246	260011425	PILGRIM'S PRIDE #79532	1505 Broad St	Chattanooga	TN	374081110	2008	234.00	100CF	1,882.22
131246 Total										
131250	260025803	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2005	23,021.00	100CF	7,252.04
131250	260025803	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2006	33,999.00	100CF	33,175.46
131250	260025803	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2007	34,709.01	100CF	48,203.00
131250	260025803	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2008	11,063.00	100CF	52,296.44
131250 Total										
131251	260070932	PILGRIM'S PRIDE	950 WAUHATCHIE PIKE	Chattanooga	TN	374192432	2007	5,571.00	100CF	18,300.49
131251	260070932	PILGRIM'S PRIDE	950 WAUHATCHIE PIKE	Chattanooga	TN	374192432	2008	13,188.00	100CF	151,975.39
131251 Total										
131252	260025804	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2005	23,801.00	100CF	10,792.76
131252	260025804	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2006	33,947.00	100CF	24,042.28
131252	260025804	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2007	34,763.00	100CF	34,835.04
131252	260025804	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2008	34,763.00	100CF	34,457.71
131252	260025804	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2009	34,763.00	100CF	48,136.37
131252	260025804	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2007	34,763.00	100CF	52,370.86

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131252	260025804	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2008	39,820.00	100CF	62,911.80
131252 Total										197,876.74
131255	260026351	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2005	7,261.00	100CF	12,748.17
131255	260026351	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2006	7,684.00	100CF	13,726.58
131255	260026351	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2007	7,159.00	100CF	13,683.60
131255	260026351	PILGRIM'S PRIDE	1300 Market St	Chattanooga	TN	374024401	2008	7,196.00	100CF	14,549.61
131255 Total										54,707.96
131257	260084407	PILGRIM'S PRIDE	1300 MARKET ST	CHATTANOOGA	TN	374024401	2005	120,913.00	100CF	140,455.98
131257	260084407	PILGRIM'S PRIDE	1300 MARKET ST	CHATTANOOGA	TN	374024401	2006	156,629.00	100CF	178,193.32
131257	260084407	PILGRIM'S PRIDE	1300 MARKET ST	CHATTANOOGA	TN	374024401	2007	163,748.00	100CF	197,139.74
131257	260084407	PILGRIM'S PRIDE	1300 MARKET ST	CHATTANOOGA	TN	374024401	2008	168,074.00	100CF	213,583.12
131257 Total										729,372.16
131258	260073106	PILGRIM'S PRIDE #79530	409 E 17th St	Chattanooga	TN	374081904	2006	141,116.00	100CF	132,247.15
131258	260073106	PILGRIM'S PRIDE #79530	409 E 17th St	Chattanooga	TN	374081904	2007	256,633.00	100CF	267,861.83
131258	260073106	PILGRIM'S PRIDE #79530	409 E 17th St	Chattanooga	TN	374081904	2008	266,390.00	100CF	289,877.91
131258 Total										689,986.89
131379	260077132	PILGRIM'S PRIDE	1300 Market St SPKLR	Chattanooga	TN	37402	2005	20.00	100CF	138.96
131379	260077132	PILGRIM'S PRIDE	1300 Market St SPKLR	Chattanooga	TN	37402	2006	-	100CF	120.38
131379	260077132	PILGRIM'S PRIDE	1300 Market St SPKLR	Chattanooga	TN	37402	2007	-	100CF	119.13
131379	260077132	PILGRIM'S PRIDE	1300 Market St SPKLR	Chattanooga	TN	37402	2008	-	100CF	126.26
131379	260077132	PILGRIM'S PRIDE	1300 Market St SPKLR	Chattanooga	TN	37402	2009	142.00	100CF	537.74
131379	260077132	PILGRIM'S PRIDE	1300 Market St SPKLR	Chattanooga	TN	37402	12mo end Sept 2010	185.00	100CF	659.21
131379 Total										1,701.68
133306	260073117	BROMID LLC	1521 Middle St	Chattanooga	TN	37408	2005	12.00	100CF	1,322.89
133306 Total										1,322.89
139731	260073021	ADTECH CERAMICS	511 Manufacturers Rd	Chattanooga	TN	374053203	2005	12,022.00	100CF	20,545.71
139731	260073021	ADTECH CERAMICS	511 Manufacturers Rd	Chattanooga	TN	374053203	2006	15,194.00	100CF	25,142.84
139731	260073021	ADTECH CERAMICS	511 Manufacturers Rd	Chattanooga	TN	374053203	2007	18,500.00	100CF	31,134.59
139731	260073021	ADTECH CERAMICS	511 Manufacturers Rd	Chattanooga	TN	374053203	2008	18,696.00	100CF	33,166.94
139731	260073021	ADTECH CERAMICS	511 Manufacturers Rd	Chattanooga	TN	374053203	2009	14,641.00	100CF	28,225.37
139731	260073021	ADTECH CERAMICS	511 Manufacturers Rd	Chattanooga	TN	374053203	12mo end Sept 2010	10,523.00	100CF	22,023.68
139731 Total										160,238.83
147134	260033481	SSM PROPERTIES LP	1700 DELMAR ST	CHATTANOOGA	TN	37406	2005	211.00	100CF	1,048.84
147134	260033481	SSM PROPERTIES LP	1700 DELMAR ST	CHATTANOOGA	TN	37406	2006	286.00	100CF	1,279.50
147134	260033481	SSM PROPERTIES LP	1700 DELMAR ST	CHATTANOOGA	TN	37406	2007	390.00	100CF	1,671.61
147134	260033481	SSM PROPERTIES LP	1700 DELMAR ST	CHATTANOOGA	TN	37406	2008	320.00	100CF	1,558.03
147134	260033481	SSM PROPERTIES LP	1700 DELMAR ST	CHATTANOOGA	TN	37406	2009	497.00	100CF	2,088.10
147134	260033481	SSM PROPERTIES LP	1700 DELMAR ST	CHATTANOOGA	TN	37406	12mo end Sept 2010	614.00	100CF	2,481.19
147134 Total										10,126.97
150937	260033461	Pathway Polymers Inc	2001 Curtain Pole Rd	Chattanooga	TN	374062304	2005	3,473.00	100CF	6,830.78
150937	260033461	Pathway Polymers Inc	2001 Curtain Pole Rd	Chattanooga	TN	374062304	2006	1,642.00	100CF	3,458.56
150937	260033461	Pathway Polymers Inc	2001 Curtain Pole Rd	Chattanooga	TN	374062304	2007	290.00	100CF	1,047.98
150937	260033461	Pathway Polymers Inc	2001 Curtain Pole Rd	Chattanooga	TN	374062304	2008	319.00	100CF	1,200.81
150937	260033461	Pathway Polymers Inc	2001 Curtain Pole Rd	Chattanooga	TN	374062304	2009	533.00	100CF	1,897.87
150937	260033461	Pathway Polymers Inc	2001 Curtain Pole Rd	Chattanooga	TN	374062304	12mo end Sept 2010	851.00	100CF	2,781.84
150937 Total										17,217.84
150938	260033462	Pathway Polymers Inc	2003 Curtain Pole Rd	Chattanooga	TN	374062304	2005	294.00	100CF	959.20
150938	260033462	Pathway Polymers Inc	2003 Curtain Pole Rd	Chattanooga	TN	374062304	2006	139.00	100CF	567.27
150938	260033462	Pathway Polymers Inc	2003 Curtain Pole Rd	Chattanooga	TN	374062304	2007	134.00	100CF	588.61
150938	260033462	Pathway Polymers Inc	2003 Curtain Pole Rd	Chattanooga	TN	374062304	2008	132.00	100CF	621.94
150938	260033462	Pathway Polymers Inc	2003 Curtain Pole Rd	Chattanooga	TN	374062304	2009	163.00	100CF	743.45
150938	260033462	Pathway Polymers Inc	2003 Curtain Pole Rd	Chattanooga	TN	374062304	12mo end Sept 2010	145.00	100CF	685.73
150938 Total										4,166.20

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
154153	260073687	SIGNAL MOUNTAIN CEMENT	HYDRANT METER #031923053T	Chattanooga	TN	37402	2005	1,935.00	100CF	2,931.58
154153 Total										2,931.58
157121	260040893	Allied Metal Company	3434 Lightfoot Mill Rd	Chattanooga	TN	374062125	2005	2.00	100CF	61.15
157121	260040893	Allied Metal Company	3434 Lightfoot Mill Rd	Chattanooga	TN	374062125	2006	5.00	100CF	121.24
157121	260040893	Allied Metal Company	3434 Lightfoot Mill Rd	Chattanooga	TN	374062125	2007	22.00	100CF	166.27
157121	260040893	Allied Metal Company	3434 Lightfoot Mill Rd	Chattanooga	TN	374062125	2008	16.00	100CF	158.02
157121	260040893	Allied Metal Company	3434 Lightfoot Mill Rd	Chattanooga	TN	374062125	2009	2.00	100CF	130.96
157121	260040893	Allied Metal Company	3434 Lightfoot Mill Rd	Chattanooga	TN	374062125	12mo end Sept 2010	2.00	100CF	130.96
157121 Total										768.60
158276	260087868	CHATTA BOILER & TANK MFG	1030 E Main St	Chattanooga	TN	374081540	2005	291.00	100CF	677.55
158276	260087868	CHATTA BOILER & TANK MFG	1030 E Main St	Chattanooga	TN	374081540	2006	1.00	100CF	111.29
158276	260087868	CHATTA BOILER & TANK MFG	1030 E Main St	Chattanooga	TN	374081540	2007	-	100CF	118.38
158276	260087868	CHATTA BOILER & TANK MFG	1030 E Main St	Chattanooga	TN	374081540	2008	-	100CF	127.88
158276	260087868	CHATTA BOILER & TANK MFG	1030 E Main St	Chattanooga	TN	374081540	2009	2.00	100CF	130.96
158276	260087868	CHATTA BOILER & TANK MFG	1030 E Main St	Chattanooga	TN	374081540	12mo end Sept 2010	-	100CF	130.96
158276 Total										1,296.42
159463	260086612	Hyperlast North America	HYDRANT METER #070132798T	Chattanooga	TN	37406	2005	42.00	100CF	156.47
159463 Total										156.47
168297	260073468	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2005	133.00	100CF	272.69
168297	260073468	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2006	24,776.00	100CF	37,432.38
168297	260073468	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2007	12,492.00	100CF	22,901.95
168297	260073468	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2008	102,297.00	100CF	96,112.47
168297	260073468	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2009	(76,667.00)	100CF	(46,192.05)
168297	260073468	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	12mo end Sept 2010	8,245.00	100CF	18,570.82
168297 Total										129,098.06
168298	260073469	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2005	441.00	100CF	667.54
168298	260073469	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2006	25,365.00	100CF	38,284.24
168298	260073469	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2007	27,180.00	100CF	43,473.19
168298	260073469	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2008	22,427.00	100CF	38,604.17
168298	260073469	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	2009	24,708.00	100CF	43,386.28
168298	260073469	WM Wrigley's Jr Company	3002 Jersey Pike	Chattanooga	TN	374216208	12mo end Sept 2010	26,322.00	100CF	45,816.98
168298 Total										210,232.40
175506	260080274	Basf Corporation	3805 Amnicola Hwy	Chattanooga	TN	374061004	2006	557.00	100CF	1,494.63
175506	260080274	Basf Corporation	3805 Amnicola Hwy	Chattanooga	TN	374061004	2007	927.00	100CF	2,520.22
175506	260080274	Basf Corporation	3805 Amnicola Hwy	Chattanooga	TN	374061004	2008	621.00	100CF	1,719.52
175506	260080274	Basf Corporation	3805 Amnicola Hwy	Chattanooga	TN	374061004	2009	281.00	100CF	852.96
175506	260080274	Basf Corporation	3805 Amnicola Hwy	Chattanooga	TN	374061004	12mo end Sept 2010	308.00	100CF	891.16
175506 Total										7,478.49
189404	260002864	Lambert Sythesis USA, INC	4001 N Hawthorne St	Chattanooga	TN	374061314	2007	16,169.00	100CF	27,865.30
189404	260002864	Lambert Sythesis USA, INC	4001 N Hawthorne St	Chattanooga	TN	374061314	2008	20,888.00	100CF	36,409.10
189404	260002864	Lambert Sythesis USA, INC	4001 N Hawthorne St	Chattanooga	TN	374061314	2009	23,923.00	100CF	42,204.09
189404	260002864	Lambert Sythesis USA, INC	4001 N Hawthorne St	Chattanooga	TN	374061314	12mo end Sept 2010	26,557.00	100CF	46,170.90
189404 Total										152,649.39
212088	260078914	Fibron	4019 Industry Dr	Chattanooga	TN	374163812	2008	781.00	100CF	3,878.47
212088	260078914	Fibron	4019 Industry Dr	Chattanooga	TN	374163812	2009	803.00	100CF	4,594.59
212088	260078914	Fibron	4019 Industry Dr	Chattanooga	TN	374163812	12mo end Sept 2010	1,503.00	100CF	6,080.22
212088 Total										14,553.28
213277	260082641	Coca Cola North America	1400 E 42nd St	Chattanooga	TN	374072905	2008	75.00	100CF	388.75
213277	260082641	Coca Cola North America	1400 E 42nd St	Chattanooga	TN	374072905	2009	10.00	100CF	63.86
213277 Total										457.61
221993	260011267	Alstom Power Turbo	911 W Main St	Chattanooga	TN	374024708	2008	3,079.00	100CF	8,358.66
221993	260011267	Alstom Power Turbo	911 W Main St	Chattanooga	TN	374024708	2009	1,288.00	100CF	8,150.99
221993	260011267	Alstom Power Turbo	911 W Main St	Chattanooga	TN	374024708	12mo end Sept 2010	11,385.00	100CF	25,098.43

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Acct #	Premise	Account Name	Service Address	Service City	Service State	Service Zip	Year	Usage	Unit of Measure	Amount
221993 Total										41,609.08
227279	260011425	Pilgrims Pride	1505 Broad St	Chattanooga	TN	374081110	2009	276.00	100CF	1,907.95
227279	260011425	Pilgrims Pride	1505 Broad St	Chattanooga	TN	374081110	12mo end Sept 2010	457.00	100CF	2,489.57
227279 Total										4,397.52
227282	260025803	Pilgrims Pride	1300 Market St	Chattanooga	TN	374024401	2009	5,962.00	100CF	11,355.15
227282	260025803	Pilgrims Pride	1300 Market St	Chattanooga	TN	374024401	12mo end Sept 2010	41,204.00	100CF	67,548.14
227282 Total										78,903.29
227283	260073106	Pilgrims Pride	409 E 17th St	Chattanooga	TN	374081904	2009	330,257.00	100CF	343,565.16
227283	260073106	Pilgrims Pride	409 E 17th St	Chattanooga	TN	374081904	12mo end Sept 2010	429,178.00	100CF	411,227.12
227283 Total										754,792.28
227286	260070932	Pilgrims Pride	950 WAUHATCHIE PIKE	Chattanooga	TN	374192432	2009	7,223.00	100CF	15,870.90
227286	260070932	Pilgrims Pride	950 WAUHATCHIE PIKE	Chattanooga	TN	374192432	12mo end Sept 2010	6,193.00	100CF	14,209.27
227286 Total										30,080.17
227288	260025804	Pilgrims Pride	1300 Market St	Chattanooga	TN	374024401	2009	43,547.00	100CF	70,172.32
227288	260025804	Pilgrims Pride	1300 Market St	Chattanooga	TN	374024401	12mo end Sept 2010	7,849.00	100CF	12,655.24
227288 Total										82,827.56
227291	260084407	Pilgrims Pride	1300 MARKET ST	CHATTANOOGA	TN	374024401	2009	169,582.00	100CF	221,444.66
227291	260084407	Pilgrims Pride	1300 MARKET ST	CHATTANOOGA	TN	374024401	12mo end Sept 2010	180,036.00	100CF	232,202.76
227291 Total										453,647.42
227294	260026351	Pilgrims Pride	1300 Market St	Chattanooga	TN	374024401	2009	7,192.00	100CF	15,035.70
227294	260026351	Pilgrims Pride	1300 Market St	Chattanooga	TN	374024401	12mo end Sept 2010	7,217.00	100CF	15,073.37
227294 Total										30,109.07
231346	260092974	N A Industries Inc.	2651 Riverport Rd.	Chattanooga	TN	37406	2009	2,382.00	100CF	7,498.52
231346	260092974	N A Industries Inc.	2651 Riverport Rd.	Chattanooga	TN	37406	12mo end Sept 2010	8,902.00	100CF	20,747.68
231346 Total										28,246.20
231351	260025677	Koch Foods LLC	1835 1/2 Kerr St	Chattanooga	TN	37408	2009	8,066.00	100CF	18,677.12
231351	260025677	Koch Foods LLC	1835 1/2 Kerr St	Chattanooga	TN	37408	12mo end Sept 2010	8,897.00	100CF	18,012.74
231351 Total										36,689.86
235588	260073390	Akzo Nobel Surface Chemistry,	909 Mueller Ave	Chattanooga	TN	374061334	2009	18,373.00	100CF	31,341.85
235588	260073390	Akzo Nobel Surface Chemistry,	909 Mueller Ave	Chattanooga	TN	374061334	12mo end Sept 2010	37,661.00	100CF	64,061.69
235588 Total										95,403.54
235655	260079468	Akzo Nobel Surface Chemistry,	909 Mueller Ave	Chattanooga	TN	374061334	2009	8,936.00	100CF	16,545.64
235655	260079468	Akzo Nobel Surface Chemistry,	909 Mueller Ave	Chattanooga	TN	374061334	12mo end Sept 2010	17,702.00	100CF	32,835.25
235655 Total										49,380.89
250798	260093749	ADM Milling Co	1116 KING ST	CHATTANOOGA	TN	37403	12mo end Sept 2010	1,215.00	100CF	3,115.73
250798 Total										3,115.73

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Acct #	Premise	Account Name	Initial Service	Discontinued Date	Meter Number	Service Size	Rate Schedule
4291	260002864	Synair Corp	1/4/2000	12/5/2006	031692390V	2	A3M4S
4291	260002864	Synair Corp	1/4/2000	12/5/2006	060197395V	2	A3MSM
4291	260002864	Synair Corp	1/4/2000	12/5/2006	060453102V	2	A3MSM
4291	260002864	Synair Corp	1/4/2000	12/5/2006	060453110V	2	A3M4S
4291 Count						4	
4447	260002984	SIGNAL MOUNTAIN CEMENT	2/22/2000		060208954T	2	A3M4
4447	260002984	SIGNAL MOUNTAIN CEMENT	2/22/2000		060208954V	2	A3M4
4447	260002984	SIGNAL MOUNTAIN CEMENT	2/22/2000		060247993T	2	A3M4
4447 Count						3	
6676	260004486	Power Corporation	1/18/1984		078202744T	5/8	A3M4
6676	260004486	Power Corporation	1/18/1984		083357023T	5/8	A3M4
6676 Count						2	
6859	260004627	Chatt Land Co P&S Prop	11/1/1999	10/6/2005	048330631T	3/4	A3M4
6859	260004627	Chatt Land Co P&S Prop	11/1/1999	10/6/2005	048711173T	3/4	A3M4
6859 Count						2	
6883	260004647	APPLIED THERMAL COATINGS	11/13/2000		031651720V	1-1/2	A3M4
6883	260004647	APPLIED THERMAL COATINGS	11/13/2000		060450370T	1-1/2	A3M4
6883	260004647	APPLIED THERMAL COATINGS	11/13/2000		060450370V	1-1/2	A3M4
6883 Count						3	
12068	260008047	Komatsu American Mfg	12/5/1986		036846810T	5/8	A3M4
12068	260008047	Komatsu American Mfg	12/5/1986		084310882T	5/8	A3M4
12068 Count						2	
16004	260010996	R L Stowe Mills Inc	6/18/1999	3/31/2009	031988582T	4	A3M4
16004	260010996	R L Stowe Mills Inc	6/18/1999	3/31/2009	031988582V	4	A3M4
16004 Count						2	
16222	260011206	Alstom Power Inc	6/14/1990		037409871T	5/8	A3M4
16222	260011206	Alstom Power Inc	6/14/1990		081814079T	5/8	A3M4
16222 Count						2	
16232	260011215	Robmer Partnership	4/1/1987	1/18/2005	091444213B	5/8	A3M4
16232 Count						1	
16580	260011519	Massengale Regina	8/1/2001	2/9/2005	095942770B	5/8	A3M4
16580 Count						1	
19915	260013872	Sherman & Reilly Inc	9/2/1971	5/16/2008	047543335T	1	A3M4
19915 Count						1	
21858	260015174	Ken Garner Manufacturing	4/11/1996		060101526T	2	A3M4
21858	260015174	Ken Garner Manufacturing	4/11/1996		060101526V	2	A3M4
21858 Count						2	
22001	260015280	Corley Mfg Co	2/1/1968		047458868T	1	A3M4
22001	260015280	Corley Mfg Co	2/1/1968		047458868V	1	A3M4
22001 Count						2	
22894	260015878	Steward Advanced Materials	7/1/1953		031692387V	2	A3M4
22894	260015878	Steward Advanced Materials	7/1/1953		060449816T	2	A3M4
22894	260015878	Steward Advanced Materials	7/1/1953		060449816V	2	A3M4
22894 Count						3	
24134	260016675	Oneal Steel Inc	3/1/1964		051111205T	3/4	A3M4
24134	260016675	Oneal Steel Inc	3/1/1964		095108228B	3/4	A3M4
24134 Count						2	
24197	260016709	Oneal Steel Inc	3/1/1974		044231049T	5/8	A3M4
24197	260016709	Oneal Steel Inc	3/1/1974		088803768T	5/8	A3M4
24197 Count						2	
24664	260017054	CUSTOMER ENGINEERED PRODUCTS	3/15/2000	3/7/2005	048183143T	1	A3M4
24664 Count						1	
31457	260021379	P & C Construction	2/6/1998		043120091T	5/8	A3M4
31457	260021379	P & C Construction	2/6/1998		043120091V	5/8	A3M4
31457 Count						2	
32642	260022215	Dixie Group Inc	10/1/1964	7/14/2005	095301435B	5/8	A3M4
32642 Count						1	
35533	260024099	Lucey Boiler Co	10/1/1951		031899467V	2	A3M4
35533	260024099	Lucey Boiler Co	10/1/1951		060449867T	2	A3M4
35533 Count						2	
35586	260024138	DIXIE INDUSTRIES DIV	3/15/1994		036846794T	5/8	A3M4
35586	260024138	DIXIE INDUSTRIES DIV	3/15/1994		083040158T	5/8	A3M4

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Acct #	Premise	Account Name	Initial Service	Discontinued Date	Meter Number	Service Size	Rate Schedule
35586 Count						2	
37044	260025126	Happy Bag Company	6/25/1992		039419677T	5/8	A3M4
37044 Count						1	
37178	260025211	Custom Werks	1/3/1992		037938088T	1	A3M4
37178	260025211	Custom Werks	1/3/1992		049532012T	1	A3M4
37178 Count						2	
37197	260025225	Chatt Boiler & Tank Mfg	5/1/1968		060045689T	2	A3M4
37197	260025225	Chatt Boiler & Tank Mfg	5/1/1968		060045689V	2	A3M4
37197 Count						2	
37412	260025434	Architectural Door & Hdwr	10/1/1996	1/25/2007	076460528T	5/8	A3M4
37412 Count						1	
37421	260025442	H & H BROWN	5/14/1999		079008577T	5/8	A3M4
37421 Count						1	
37735	260025677	Koch Foods LLC	5/27/1987	5/3/2005	060026444V	2	A3M4
37735 Count						1	
37877	260025808	ADM Milling Co	1/19/1990		031511847V	2	A3M4
37877	260025808	ADM Milling Co	1/19/1990		060440664T	2	A3M4
37877	260025808	ADM Milling Co	1/19/1990		060440664V	2	A3M4
37877	260025808	ADM Milling Co	1/19/1990		060573038T	2	A3M4
37877 Count						4	
37878	260025809	ADM Milling Co	1/19/1990	6/10/2010	060021794V	2	A3M4
37878	260025809	ADM Milling Co	1/19/1990	6/10/2010	060453174T	2	A3M4
37878	260025809	ADM Milling Co	1/19/1990	6/10/2010	060453174V	2	A3M4
37878 Count						3	
40934	260028068	Beeler Impression	12/22/1986		080313617T	5/8	A3M4
40934	260028068	Beeler Impression	12/22/1986		095807775B	5/8	A3M4
40934 Count						2	
45866	260031374	Signal Plating Inc	1/2/1974		049259477T	1	A3M4
45866 Count						1	
48568	260033262	Sovereign Stainless Fab	3/21/1990	4/6/2009	060045955T	1-1/2	A3M4
48568	260033262	Sovereign Stainless Fab	3/21/1990	4/6/2009	060045955V	1-1/2	A3M4
48568 Count						2	
48690	260033355	Roadtec Inc	10/22/1999		034355486T	1	A3M4
48690	260033355	Roadtec Inc	10/22/1999		034355486V	1	A3M4
48690	260033355	Roadtec Inc	10/22/1999		048330651T	1	A3M4
48690 Count						3	
48796	260033445	Foam Fabricating Inc	7/2/1975		048331626T	1	A3M4
48796	260033445	Foam Fabricating Inc	7/2/1975		048331626V	1	A3M4
48796	260033445	Foam Fabricating Inc	7/2/1975		051740600T	1	A3M4
48796 Count						3	
48797	260033446	Foam Fabricating Inc	10/15/1986		049697974T	1	A3M4
48797	260033446	Foam Fabricating Inc	10/15/1986		088761796B	1	A3M4
48797 Count						2	
48815	260033461	Synair Corp	8/20/1979	12/16/2004	037938072V	1	A3M4
48815 Count						1	
48816	260033462	Synair Corp	11/2/1989	12/16/2004	037938068V	1	A3M4
48816 Count						1	
48836	260033480	Nu Foam Products	4/21/1975		030951510T	1	A3M4
48836	260033480	Nu Foam Products	4/21/1975		030951510V	1	A3M4
48836	260033480	Nu Foam Products	4/21/1975		051740530T	1	A3M4
48836 Count						3	
48849	260033489	W R Grace Company	4/2/2001		042225011T	5/8	A3M4
48849	260033489	W R Grace Company	4/2/2001		083356430T	5/8	A3M4
48849	260033489	W R Grace Company	4/2/2001		084309347T	5/8	A3M4
48849 Count						3	
48850	260033490	American Manufacturing	7/2/1985		049657799T	1	A3M4
48850	260033490	American Manufacturing	7/2/1985		095390261B	1	A3M4
48850 Count						2	
48851	260033491	American Manufacturing	5/1/1968		060049119V	2	A3M4
48851	260033491	American Manufacturing	5/1/1968		060453103T	2	A3M4
48851	260033491	American Manufacturing	5/1/1968		060453103V	2	A3M4
48851 Count						3	

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59402	260040889	Allied Metal Company	4/10/1995		060036958V	2	A3M4
59402	260040889	Allied Metal Company	4/10/1995		060452965T	2	A3M4
59402	260040889	Allied Metal Company	4/10/1995		060452965V	2	A3M4
59402 Count					3		
64072	260044341	Golf Players	8/21/1978		083218369T	5/8	A3M4
64072	260044341	Golf Players	8/21/1978		095333818B	5/8	A3M4
64072 Count					2		
65687	260045597	VULCAN MATERIALS CO	6/1/1966		031838299V	2	A3M4
65687	260045597	VULCAN MATERIALS CO	6/1/1966		060449823T	2	A3M4
65687	260045597	VULCAN MATERIALS CO	6/1/1966		060449823V	2	A3M4
65687 Count					3		
101797	260070900	Brenntag Mid South Inc	5/31/1984		031692381V	2	A3M4
101797	260070900	Brenntag Mid South Inc	5/31/1984		060453273T	2	A3M4
101797	260070900	Brenntag Mid South Inc	5/31/1984		060453273V	2	A3M4
101797 Count					3		
101900	260070990	CLEAN HARBORS ENVIRONMENTAL, S	6/13/2000		060265265T	2	A3M4
101900	260070990	CLEAN HARBORS ENVIRONMENTAL, S	6/13/2000		060265265V	2	A3M4
101900 Count					2		
102541	260071478	Heller Properties LLC	1/4/2001		048187316T	3/4	A3M4
102541	260071478	Heller Properties LLC	1/4/2001		048187316V	3/4	A3M4
102541 Count					2		
104433	260072992	Komatsu American Mfg	4/15/1986		031692398V	2	A3M4
104433	260072992	Komatsu American Mfg	4/15/1986		060449723T	2	A3M4
104433	260072992	Komatsu American Mfg	4/15/1986		060449723V	2	A3M4
104433 Count					3		
104442	260072997	SIGNAL MOUNTAIN CEMENT	3/23/1987		060378540T	2	A3M4
104442	260072997	SIGNAL MOUNTAIN CEMENT	3/23/1987		060383808T	2	A3M4
104442	260072997	SIGNAL MOUNTAIN CEMENT	3/23/1987		060383808V	2	A3M4
104442	260072997	SIGNAL MOUNTAIN CEMENT	3/23/1987		060408540T	2	A3M4
104442 Count					4		
104464	260073019	Rock Tenn Co Mill Div	9/1/1959		039122536T	5/8	A3M4
104464	260073019	Rock Tenn Co Mill Div	9/1/1959		082670144T	5/8	A3M4
104464 Count					2		
104465	260073020	Rock Tenn Co Mill Div	5/1/1968		060006804T	2	A3M4
104465	260073020	Rock Tenn Co Mill Div	5/1/1968		060006804V	2	A3M4
104465 Count					2		
104467	260073022	THE KNITTING MILL PROJECT	5/5/1998		037938076V	1	A3M4
104467	260073022	THE KNITTING MILL PROJECT	5/5/1998		049532013T	1	A3M4
104467 Count					2		
104547	260073097	Eureka Foundry	9/5/1986		031932326V	2	A3M4
104547	260073097	Eureka Foundry	9/5/1986		060408541T	2	A3M4
104547	260073097	Eureka Foundry	9/5/1986		060408541V	2	A3M4
104547 Count					3		
104549	260073099	Siskin Steel & Supply	9/13/1981		031911353V	2	A3M4
104549	260073099	Siskin Steel & Supply	9/13/1981		060440682T	2	A3M4
104549	260073099	Siskin Steel & Supply	9/13/1981		060440682V	2	A3M4
104549 Count					3		
104553	260073103	Alstom Power Inc	5/1/1942		031904225V	2	A3M4S
104553	260073103	Alstom Power Inc	5/1/1942		031947458V	2	A3M4S
104553	260073103	Alstom Power Inc	5/1/1942		031976321V	2	A3M4S
104553	260073103	Alstom Power Inc	5/1/1942		031988573T	4	A3MSM
104553	260073103	Alstom Power Inc	5/1/1942		031988573V	4	A3MSM
104553	260073103	Alstom Power Inc	5/1/1942		060408515T	2	A3MSM
104553	260073103	Alstom Power Inc	5/1/1942		060408515V	2	A3M4S
104553	260073103	Alstom Power Inc	5/1/1942		060408531T	2	A3M4S
104553	260073103	Alstom Power Inc	5/1/1942		060408531V	2	A3M4S
104553	260073103	Alstom Power Inc	5/1/1942		060408538T	2	A3MSM
104553	260073103	Alstom Power Inc	5/1/1942		060408539T	2	A3M4S
104553	260073103	Alstom Power Inc	5/1/1942		070070989T	2	A3M4S
104553	260073103	Alstom Power Inc	5/1/1942		070070989V	2	A3M4S
104553 Count					13		
104555	260073105	Eureka Foundry	9/5/1986		031899466V	2	A3M4M

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104555	260073105	Eureka Foundry	9/5/1986		031904232V	2	A3M4
104555	260073105	Eureka Foundry	9/5/1986		060208959T	2	A3M4
104555	260073105	Eureka Foundry	9/5/1986		060208959V	2	A3M4
104555	260073105	Eureka Foundry	9/5/1986		060449964T	2	A3M4M
104555	260073105	Eureka Foundry	9/5/1986		060449964V	2	A3M4M
104555 Count					6		
104559	260073109	U S Pipe & Fdry Co	12/28/1989	7/12/2006	060017170V	2	A3M4S
104559	260073109	U S Pipe & Fdry Co	12/28/1989	7/12/2006	070000156V	2	A3MSM
104559 Count					2		
104561	260073111	U S Pipe & Fdry Co	12/12/1990	1/25/2007	031922465T	4	A3M4
104561	260073111	U S Pipe & Fdry Co	12/12/1990	1/25/2007	031922465V	4	A3M4
104561 Count					2		
104562	260073112	U S Pipe & Fdry Co	12/28/1989	1/8/2007	031838285V	2	A3M4M
104562	260073112	U S Pipe & Fdry Co	12/28/1989	1/8/2007	031988576T	4	A3M4
104562	260073112	U S Pipe & Fdry Co	12/28/1989	1/8/2007	031988576V	4	A3M4
104562	260073112	U S Pipe & Fdry Co	12/28/1989	1/8/2007	060425469T	2	A3M4M
104562 Count					4		
104569	260073115	Perimeter Properties LLC	11/18/2002		047458869T	1	A3M4
104569	260073115	Perimeter Properties LLC	11/18/2002		047458869V	1	A3M4
104569 Count					2		
104579	260073122	Southern Wood Piedmont	12/1/1970		060010778V	2	A3M4
104579	260073122	Southern Wood Piedmont	12/1/1970		060453166T	2	A3M4
104579	260073122	Southern Wood Piedmont	12/1/1970		060453166V	2	A3M4
104579 Count					3		
104596	260073137	Chatt Paperboard Corp	8/20/1984	4/7/2009	031988579T	4	A3M4M
104596	260073137	Chatt Paperboard Corp	8/20/1984	4/7/2009	031988579V	4	A3M4M
104596	260073137	Chatt Paperboard Corp	8/20/1984	4/7/2009	031988580T	4	A3M4
104596	260073137	Chatt Paperboard Corp	8/20/1984	4/7/2009	031988580V	4	A3M4
104596 Count					4		
104598	260073138	Ccd Properties	9/29/2002		076745572T	5/8	A3M4
104598	260073138	Ccd Properties	9/29/2002		076745572V	5/8	A3M4
104598 Count					2		
104600	260073140	ENGINEERED REFRIGERATION	1/4/1994		047458880V	1	A3M4
104600	260073140	ENGINEERED REFRIGERATION	1/4/1994		049532029T	1	A3M4
104600 Count					2		
104605	260073145	Steward Advanced Materials	1/1/1940		031950669V	2	A3MSM
104605	260073145	Steward Advanced Materials	1/1/1940		031950670V	2	A3M4S
104605	260073145	Steward Advanced Materials	1/1/1940		060449831T	2	A3M4S
104605	260073145	Steward Advanced Materials	1/1/1940		060449831V	2	A3M4S
104605	260073145	Steward Advanced Materials	1/1/1940		060449846T	2	A3MSM
104605	260073145	Steward Advanced Materials	1/1/1940		060449846V	2	A3MSM
104605 Count					6		
104620	260073160	Chattem Chemicals Inc	4/1/1970		031876471T	2	A3M4M
104620	260073160	Chattem Chemicals Inc	4/1/1970		031876471V	2	A3M4M
104620	260073160	Chattem Chemicals Inc	4/1/1970		031955377T	4	A3M4
104620	260073160	Chattem Chemicals Inc	4/1/1970		031955377V	4	A3M4
104620	260073160	Chattem Chemicals Inc	4/1/1970		060248000T	2	A3M4M
104620	260073160	Chattem Chemicals Inc	4/1/1970		060408549T	2	A3M4M
104620 Count					6		
104627	260073166	Velsicol Chemical Corp	10/1/1964	9/20/2010	031845755V	2	A3M4
104627	260073166	Velsicol Chemical Corp	10/1/1964	9/20/2010	031948035A	6	A3M4
104627	260073166	Velsicol Chemical Corp	10/1/1964	9/20/2010	031957650T	4	A3M4
104627	260073166	Velsicol Chemical Corp	10/1/1964	9/20/2010	031957650V	4	A3M4
104627	260073166	Velsicol Chemical Corp	10/1/1964	9/20/2010	060453057T	2	A3M4
104627	260073166	Velsicol Chemical Corp	10/1/1964	9/20/2010	060453057V	2	A3M4
104627 Count					6		
104629	260073168	Velsicol Chemical Corp	2/23/1995	6/28/2007	031970097V	2	A3M4S
104629	260073168	Velsicol Chemical Corp	2/23/1995	6/28/2007	031976319T	2	A3M4S
104629	260073168	Velsicol Chemical Corp	2/23/1995	6/28/2007	031976319V	2	A3M4S
104629	260073168	Velsicol Chemical Corp	2/23/1995	6/28/2007	070027571V	2	A3MSM
104629	260073168	Velsicol Chemical Corp	2/23/1995	6/28/2007	070034146T	2	A3MSM
104629	260073168	Velsicol Chemical Corp	2/23/1995	6/28/2007	070034146V	2	A3MSM

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104629 Count							6
104630	260073169	Bunge Foods Corporation	1/25/1980		031984252T	4	A3M4M
104630	260073169	Bunge Foods Corporation	1/25/1980		031984252V	4	A3M4M
104630	260073169	Bunge Foods Corporation	1/25/1980		070000157T	2	A3M4
104630	260073169	Bunge Foods Corporation	1/25/1980		070000157V	2	A3M4
104630	260073169	Bunge Foods Corporation	1/25/1980		070001740V	2	A3M4
104630 Count							5
104637	260073175	Southern Cellulose	6/1/1969		070016972A	6	A3M4
104637	260073175	Southern Cellulose	6/1/1969		070016973A	6	A3M4M
104637	260073175	Southern Cellulose	6/1/1969		070045236T	4	A3M4
104637	260073175	Southern Cellulose	6/1/1969		070045236V	4	A3M4
104637	260073175	Southern Cellulose	6/1/1969		070047386T	4	A3M4
104637	260073175	Southern Cellulose	6/1/1969		070047386V	4	A3M4
104637 Count							6
104651	260073189	Rdc Inc	1/1/1964	7/17/2007	031961634T	4	A3M4
104651	260073189	Rdc Inc	1/1/1964	7/17/2007	031961634V	4	A3M4
104651	260073189	Rdc Inc	1/1/1964	7/17/2007	031961635T	4	A3M4
104651	260073189	Rdc Inc	1/1/1964	7/17/2007	031961635V	4	A3MSM
104651 Count							4
104652	260073190	Coats American	1/1/1940	1/4/2008	031911331V	2	A3MSM
104652	260073190	Coats American	1/1/1940	1/4/2008	060453141T	2	A3M4
104652	260073190	Coats American	1/1/1940	1/4/2008	060453141V	2	A3M4
104652 Count							3
104676	260073216	R L Stowe Mills Inc	6/18/1999	3/31/2009	031948034A	6	A3M4M
104676	260073216	R L Stowe Mills Inc	6/18/1999	3/31/2009	031948036A	6	A3M4
104676 Count							2
104684	260073225	Gateway Hosiery Mills	6/15/1990	8/17/2006	048330698T	1	A3M4
104684 Count							1
104687	260073227	Schrader, Herman	12/26/1996		039884249T	1	A3M4
104687	260073227	Schrader, Herman	12/26/1996		039884249V	1	A3M4
104687	260073227	Schrader, Herman	12/26/1996		048184600T	1	A3M4
104687 Count							3
104693	260073232	STRUCTURE GROUP	6/29/2001		043120032T	5/8	A3M4
104693	260073232	STRUCTURE GROUP	6/29/2001		043120032V	5/8	A3M4
104693 Count							2
104711	260073248	CHATT PUBLISHING CO	4/1/1964		031932313V	2	A3M4S
104711	260073248	CHATT PUBLISHING CO	4/1/1964		031947447V	2	A3MSM
104711	260073248	CHATT PUBLISHING CO	4/1/1964		060440648T	2	A3M4S
104711	260073248	CHATT PUBLISHING CO	4/1/1964		060440648V	2	A3M4S
104711	260073248	CHATT PUBLISHING CO	4/1/1964		060440684T	2	A3MSM
104711	260073248	CHATT PUBLISHING CO	4/1/1964		060440684V	2	A3MSM
104711 Count							6
104724	260073259	Southeast Local Dev Corp	5/25/2001	1/22/2010	033932668T	1	A3M4
104724	260073259	Southeast Local Dev Corp	5/25/2001	1/22/2010	033932668V	1	A3M4
104724	260073259	Southeast Local Dev Corp	5/25/2001	1/22/2010	051275392T	1	A3M4
104724 Count							3
104782	260073317	Cannon Equipment Se Inc	5/1/1967		060006812T	2	A3MSM
104782	260073317	Cannon Equipment Se Inc	5/1/1967		060006812V	2	A3MSM
104782	260073317	Cannon Equipment Se Inc	5/1/1967		060014449T	2	A3M4S
104782	260073317	Cannon Equipment Se Inc	5/1/1967		060014449V	2	A3M4S
104782	260073317	Cannon Equipment Se Inc	5/1/1967		060449620T	2	A3MSM
104782	260073317	Cannon Equipment Se Inc	5/1/1967		060449744T	2	A3M4S
104782 Count							6
104839	260073375	Buster Brown Properties LLC	10/11/1999		033932624T	1	A3M4
104839	260073375	Buster Brown Properties LLC	10/11/1999		033932624V	1	A3M4
104839 Count							2
104844	260073381	PIONEER MAT COMPANY	11/9/1998	4/6/2010	051740540T	1	A3M4
104844	260073381	PIONEER MAT COMPANY	11/9/1998	4/6/2010	060085000V	2	A3M4
104844	260073381	PIONEER MAT COMPANY	11/9/1998	4/6/2010	060383525T	1-1/2	A3M4
104844	260073381	PIONEER MAT COMPANY	11/9/1998	4/6/2010	060449841T	2	A3M4
104844	260073381	PIONEER MAT COMPANY	11/9/1998	4/6/2010	060449841V	2	A3M4
104844 Count							5

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104848	260073384	W R Grace Company	4/2/2001		026252068T	4	A3M4
104848	260073384	W R Grace Company	4/2/2001		026252068V	4	A3M4
104848	260073384	W R Grace Company	4/2/2001		026255049T	4	A3M4
104848	260073384	W R Grace Company	4/2/2001		026255049V	4	A3M4
104848	260073384	W R Grace Company	4/2/2001		031876494V	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		031879962V	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		031946219V	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		031979740T	4	A3M4M
104848	260073384	W R Grace Company	4/2/2001		031979740V	4	A3M4M
104848	260073384	W R Grace Company	4/2/2001		060118512T	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		060118512V	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		060425444T	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		060440665T	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		060440665V	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		060449759T	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		060449759V	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		060573049T	2	A3M4
104848	260073384	W R Grace Company	4/2/2001		070145859T	4	A3M4
104848 Count					18		
104853	260073387	Mueller Co	7/1/1964		031968359T	4	A3M4M
104853	260073387	Mueller Co	7/1/1964		031968359V	4	A3M4M
104853	260073387	Mueller Co	7/1/1964		070070996T	2	A3M4
104853	260073387	Mueller Co	7/1/1964		070070996V	2	A3M4
104853 Count					4		
104854	260073388	Mueller Co	7/2/1985		082374374T	5/8	A3M4
104854	260073388	Mueller Co	7/2/1985		083356429T	5/8	A3M4
104854	260073388	Mueller Co	7/2/1985		091444868B	5/8	A3M4
104854 Count					3		
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	031818166T	2	A3MSM
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	031818166V	2	A3MSM
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	060000882T	2	A3M4S
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	060000882V	2	A3M4S
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	060025113T	2	A3M4S
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	060025113V	2	A3M4S
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	060378528T	2	A3MSM
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	060378544T	2	A3M4S
104856	260073390	ALCO CHEMICAL CORP	1/1/1940	6/4/2009	060593283T	2	A3M4S
104856 Count					9		
104865	260073399	CHATT COCA-COLA BOTTLING	1/1/1940		031965098T	4	A3M4S
104865	260073399	CHATT COCA-COLA BOTTLING	1/1/1940		031965098V	4	A3M4S
104865	260073399	CHATT COCA-COLA BOTTLING	1/1/1940		031965099T	4	A3MSM
104865	260073399	CHATT COCA-COLA BOTTLING	1/1/1940		031965099V	4	A3MSM
104865 Count					4		
104867	260073401	Na Industries Inc	11/1/1989		031818169V	2	A3M4
104867	260073401	Na Industries Inc	11/1/1989		031818202V	2	A3M4
104867	260073401	Na Industries Inc	11/1/1989		031876470V	2	A3M4M
104867	260073401	Na Industries Inc	11/1/1989		060453224T	2	A3M4
104867	260073401	Na Industries Inc	11/1/1989		060453224V	2	A3M4
104867	260073401	Na Industries Inc	11/1/1989		060453241T	2	A3M4M
104867	260073401	Na Industries Inc	11/1/1989		060453241V	2	A3M4M
104867	260073401	Na Industries Inc	11/1/1989		060453334T	2	A3M4
104867	260073401	Na Industries Inc	11/1/1989		060453334V	2	A3M4
104867 Count					9		
104868	260073402	Southern Centrifugal Inc	3/3/1977		031879918T	2	A3M4M
104868	260073402	Southern Centrifugal Inc	3/3/1977		031879918V	2	A3M4M
104868	260073402	Southern Centrifugal Inc	3/3/1977		031940863T	2	A3M4
104868	260073402	Southern Centrifugal Inc	3/3/1977		031940863V	2	A3M4
104868	260073402	Southern Centrifugal Inc	3/3/1977		060265266T	2	A3M4
104868	260073402	Southern Centrifugal Inc	3/3/1977		060265277T	2	A3M4M
104868 Count					6		
104869	260073403	Tenn Valley Ice Co.	12/20/1977		031904207V	2	A3M4
104869	260073403	Tenn Valley Ice Co.	12/20/1977		060453109T	2	A3M4

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104869	260073403	Tenn Valley Ice Co.	12/20/1977		060453109V	2	A3M4
104869 Count					3		
104876	260073410	BASF Corporation	10/1/1990		031935527T	4	A3M4
104876	260073410	BASF Corporation	10/1/1990		031935527V	4	A3M4
104876 Count					2		
104878	260073412	The Pepsi Bottling Group	12/2/1985		031911313V	2	A3M4
104878	260073412	The Pepsi Bottling Group	12/2/1985		060453151T	2	A3M4
104878	260073412	The Pepsi Bottling Group	12/2/1985		060453151V	2	A3M4
104878 Count					3		
104879	260073413	T E Capital Partners	12/31/1997		038081052T	5/8	A3M4
104879	260073413	T E Capital Partners	12/31/1997		038081052V	5/8	A3M4
104879	260073413	T E Capital Partners	12/31/1997		083218047T	5/8	A3M4
104879 Count					3		
104880	260073414	Archer Daniels Midland Co	8/5/1991	10/26/2005	048331634V	1	A3M4
104880 Count					1		
104882	260073416	Cargill V #50026797	9/19/1990		038274151T	1	A3M4
104882	260073416	Cargill V #50026797	9/19/1990		049697900T	1	A3M4
104882 Count					2		
104883	260073417	Horizon Milling, LLC.	1/30/1982		031940868V	2	A3M4
104883	260073417	Horizon Milling, LLC.	1/30/1982		060453292T	2	A3M4
104883	260073417	Horizon Milling, LLC.	1/30/1982		060453292V	2	A3M4
104883 Count					3		
104888	260073422	Cherokee Warehouse	4/26/1996		031911330V	2	A3M4
104888	260073422	Cherokee Warehouse	4/26/1996		060453234T	2	A3M4
104888	260073422	Cherokee Warehouse	4/26/1996		060453234V	2	A3M4
104888 Count					3		
104941	260073468	Planters Snacks Lifesaver	12/7/1973	11/10/2005	031911314V	2	A3M4
104941	260073468	Planters Snacks Lifesaver	12/7/1973	11/10/2005	031924279V	2	A3M4M
104941 Count					2		
104942	260073469	Planters Snacks Lifesaver	12/30/1983	11/10/2005	031838450V	2	A3M4
104942	260073469	Planters Snacks Lifesaver	12/30/1983	11/10/2005	031876480V	2	A3M4M
104942 Count					2		
104943	260073470	Farleys and Sathers Candy Co	11/22/1991		070070991V	2	A3M4M
104943	260073470	Farleys and Sathers Candy Co	11/22/1991		070070992V	2	A3M4
104943	260073470	Farleys and Sathers Candy Co	11/22/1991		070162404T	2	A3M4M
104943	260073470	Farleys and Sathers Candy Co	11/22/1991		070163435T	2	A3M4M
104943	260073470	Farleys and Sathers Candy Co	11/22/1991		070163440T	2	A3M4M
104943	260073470	Farleys and Sathers Candy Co	11/22/1991		070163440V	2	A3M4M
104943	260073470	Farleys and Sathers Candy Co	11/22/1991		070163455T	2	A3M4
104943	260073470	Farleys and Sathers Candy Co	11/22/1991		070163455V	2	A3M4
104943 Count					8		
104973	260073498	Basf Corporation	3/1/1969		031970097T	2	A3M4M
104973	260073498	Basf Corporation	3/1/1969		031970097V	2	A3M4M
104973	260073498	Basf Corporation	3/1/1969		031976314V	2	A3M4M
104973	260073498	Basf Corporation	3/1/1969		031988577T	4	A3M4
104973	260073498	Basf Corporation	3/1/1969		031988577V	4	A3M4
104973 Count					5		
110923	260077834	Sofix Corporation	8/15/1991		031918643T	4	A3M4
110923	260077834	Sofix Corporation	8/15/1991		031918643V	4	A3M4
110923 Count					2		
112440	260078914	Fibron	9/15/1993	2/28/2008	070027567T	2	A3M4M
112440	260078914	Fibron	9/15/1993	2/28/2008	070027567V	2	A3M4M
112440	260078914	Fibron	9/15/1993	2/28/2008	070030967T	2	A3M4
112440	260078914	Fibron	9/15/1993	2/28/2008	070030967V	2	A3M4
112440	260078914	Fibron	9/15/1993	2/28/2008	070034146V	2	A3M4
112440	260078914	Fibron	9/15/1993	2/28/2008	070034148V	2	A3M4M
112440 Count					6		
112729	260079110	R L Stowe Mills Inc	6/18/1999	3/31/2009	038274144T	1	A3M4
112729	260079110	R L Stowe Mills Inc	6/18/1999	3/31/2009	049697979T	1	A3M4
112729 Count					2		
113306	260079468	Alco Chemical Corporation	12/13/1993	6/4/2009	031876474V	2	A3M4S
113306	260079468	Alco Chemical Corporation	12/13/1993	6/4/2009	031904247V	2	A3MSM

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113306	260079468	Alco Chemical Corporation	12/13/1993	6/4/2009	060453104T	2	A3M4S
113306	260079468	Alco Chemical Corporation	12/13/1993	6/4/2009	060453104V	2	A3M4S
113306	260079468	Alco Chemical Corporation	12/13/1993	6/4/2009	060453112T	2	A3MSM
113306	260079468	Alco Chemical Corporation	12/13/1993	6/4/2009	060453112V	2	A3MSM
113306 Count							6
113405	260079542	Metals Usa Chattanooga	11/15/2001	5/7/2008	038415921V	5/8	A3M4
113405	260079542	Metals Usa Chattanooga	11/15/2001	5/7/2008	081275494T	5/8	A3M4
113405	260079542	Metals Usa Chattanooga	11/15/2001	5/7/2008	081275494V	5/8	A3M4
113405 Count							3
113823	260079832	Steward Advance Materials	6/10/1994		031651716V	1-1/2	A3M4
113823	260079832	Steward Advance Materials	6/10/1994		060450465T	1-1/2	A3M4
113823	260079832	Steward Advance Materials	6/10/1994		060450465V	1-1/2	A3M4
113823 Count							3
114635	260080709	Komatsu American Mfg	3/13/1995		031646279V	2	A3M4
114635	260080709	Komatsu American Mfg	3/13/1995		060449724T	2	A3M4
114635	260080709	Komatsu American Mfg	3/13/1995		060449724V	2	A3M4
114635 Count							3
114637	260080711	Executive Flight Inc	8/1/2001		048061954T	1	A3M4
114637	260080711	Executive Flight Inc	8/1/2001		051275396T	1	A3M4
114637 Count							2
115309	260081136	Chattem Inc.	6/29/1999		031911318V	2	A3M4
115309	260081136	Chattem Inc.	6/29/1999		060012796T	1-1/2	A3M4M
115309	260081136	Chattem Inc.	6/29/1999		060012796V	1-1/2	A3M4M
115309	260081136	Chattem Inc.	6/29/1999		060425433T	2	A3M4
115309	260081136	Chattem Inc.	6/29/1999		060450410T	1-1/2	A3M4M
115309 Count							5
115676	260081421	JONES PRINTING	7/7/2000		030948414T	1	A3M4
115676	260081421	JONES PRINTING	7/7/2000		051432622T	1	A3M4
115676 Count							2
115854	260081567	Lucey Boiler Co	5/23/1996		041653572T	5/8	A3M4
115854	260081567	Lucey Boiler Co	5/23/1996		085504234T	5/8	A3M4
115854 Count							2
115883	260081594	Chattem Chemicals Inc	6/26/1996		031863845V	2	A3M4
115883	260081594	Chattem Chemicals Inc	6/26/1996		060452984T	2	A3M4
115883	260081594	Chattem Chemicals Inc	6/26/1996		060452984V	2	A3M4
115883 Count							3
116321	260081915	Cargill Inc Corn Mill	12/18/1996		060073919V	2	A3M4
116321	260081915	Cargill Inc Corn Mill	12/18/1996		060453291T	2	A3M4
116321	260081915	Cargill Inc Corn Mill	12/18/1996		060453291V	2	A3M4
116321 Count							3
116584	260082116	Southern Cellulose	5/1/1997		070001743T	2	A3M4S
116584	260082116	Southern Cellulose	5/1/1997		070001743V	2	A3M4S
116584	260082116	Southern Cellulose	5/1/1997		070001746T	2	A3MSM
116584	260082116	Southern Cellulose	5/1/1997		070001747T	2	A3MSM
116584	260082116	Southern Cellulose	5/1/1997		070001747V	2	A3MSM
116584	260082116	Southern Cellulose	5/1/1997		070027569V	2	A3MSM
116584	260082116	Southern Cellulose	5/1/1997		070070993T	2	A3MSM
116584	260082116	Southern Cellulose	5/1/1997		070163439T	2	A3M4S
116584 Count							8
117218	260082543	American Manufacturing	10/6/1997		031889164V	1-1/2	A3M4
117218	260082543	American Manufacturing	10/6/1997		060450354T	1-1/2	A3M4
117218	260082543	American Manufacturing	10/6/1997		060450544T	1-1/2	A3M4
117218	260082543	American Manufacturing	10/6/1997		060450544V	1-1/2	A3M4
117218 Count							4
117379	260082641	Rossville Chromatex	12/4/1997	3/26/2008	047470534T	1	A3M4
117379 Count							1
117493	260082741	Tiftonia TN Lodging LLC	2/17/1998		031879926V	2	A3M4
117493	260082741	Tiftonia TN Lodging LLC	2/17/1998		060453274T	2	A3M4
117493	260082741	Tiftonia TN Lodging LLC	2/17/1998		060453274V	2	A3M4
117493 Count							3
120249	260083919	SIGNAL MOUNTAIN CEMENT	3/12/1999		047458883T	1	A3M4
120249 Count							1

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120279	260083931	Koch Food LLC	9/7/1999		070056025T	4	A3MSM
120279	260083931	Koch Food LLC	9/7/1999		070056025V	4	A3MSM
120279	260083931	Koch Food LLC	9/7/1999		070063922T	4	A3M4S
120279	260083931	Koch Food LLC	9/7/1999		070063922V	4	A3M4S
120279	260083931	Koch Food LLC	9/7/1999		070066662T	6	A3MSM
120279	260083931	Koch Food LLC	9/7/1999		070066663T	6	A3M4S
120279 Count					6		
120908	260084205	SIGNAL MOUNTAIN CEMENT	5/11/1999		045942842T	5/8	A3M4
120908	260084205	SIGNAL MOUNTAIN CEMENT	5/11/1999		084310082T	5/8	A3M4
120908 Count					2		
121164	260084378	Southern Champion Tray	9/1/1999		031889964T	2	A3M4
121164	260084378	Southern Champion Tray	9/1/1999		031889964V	2	A3M4
121164	260084378	Southern Champion Tray	9/1/1999		060593298T	2	A3M4
121164 Count					3		
128191	260085156	SIGNAL MTN CEMENT CO	11/4/2003		060354716T	1-1/2	A3M4
128191	260085156	SIGNAL MTN CEMENT CO	11/4/2003		060354720T	1-1/2	A3M4
128191	260085156	SIGNAL MTN CEMENT CO	11/4/2003		060354720V	1-1/2	A3M4
128191 Count					3		
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	10/20/2003		031818198V	2	A3M4M
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	10/20/2003		031876497V	2	A3M4
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	10/20/2003		060440653T	2	A3MSM
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	10/20/2003		060440653V	2	A3M4M
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	10/20/2003		060440663T	2	A3M4S
129119	260070899	CLEAN HARBORS ENVIRONMENTAL, S	10/20/2003		060440663V	2	A3M4
129119 Count					6		
130156	260073101	Southern Foundry Supply	11/4/2003	10/4/2006	031924244V	2	A3M4
130156	260073101	Southern Foundry Supply	11/4/2003	10/4/2006	060452972V	2	A3M4
130156 Count					2		
130177	260073102	Southern Foundry Supply	11/5/2003		031932324V	2	A3M4
130177	260073102	Southern Foundry Supply	11/5/2003		060452974T	2	A3M4
130177	260073102	Southern Foundry Supply	11/5/2003		060452974V	2	A3M4
130177 Count					3		
130184	260011212	Southern Foundry Supply	11/5/2003		030951698T	1	A3M4
130184	260011212	Southern Foundry Supply	11/5/2003		051159086T	1	A3M4
130184 Count					2		
131246	260011425	PILGRIM'S PRIDE #79532	11/22/2003	12/23/2008	031879952V	2	A3M4
131246	260011425	PILGRIM'S PRIDE #79532	11/22/2003	12/23/2008	060449864T	2	A3M4
131246	260011425	PILGRIM'S PRIDE #79532	11/22/2003	12/23/2008	060449864V	2	A3M4
131246 Count					3		
131250	260025803	PILGRIM'S PRIDE	11/24/2003	12/23/2008	031946222V	2	A3M4
131250	260025803	PILGRIM'S PRIDE	11/24/2003	12/23/2008	060425477T	2	A3M4
131250 Count					2		
131251	260070932	PILGRIM'S PRIDE	11/25/2003	12/23/2008	031946216T	2	A3M4
131251	260070932	PILGRIM'S PRIDE	11/25/2003	12/23/2008	070163447T	2	A3M4
131251 Count					2		
131252	260025804	PILGRIM'S PRIDE	11/24/2003	12/23/2008	031911322V	2	A3M4
131252	260025804	PILGRIM'S PRIDE	11/24/2003	12/23/2008	060425463T	2	A3M4
131252 Count					2		
131255	260026351	PILGRIM'S PRIDE	11/24/2003	12/23/2008	047905168T	1	A3M4
131255 Count					1		
131257	260084407	PILGRIM'S PRIDE	11/24/2003	12/23/2008	031974186V	2	A3MSM
131257	260084407	PILGRIM'S PRIDE	11/24/2003	12/23/2008	070027568V	2	A3MSM
131257	260084407	PILGRIM'S PRIDE	11/24/2003	12/23/2008	070070997V	2	A3M4S
131257	260084407	PILGRIM'S PRIDE	11/24/2003	12/23/2008	070163435T	2	A3MSM
131257	260084407	PILGRIM'S PRIDE	11/24/2003	12/23/2008	070163446T	2	A3M4S
131257 Count					5		
131258	260073106	PILGRIM'S PRIDE #79530	11/26/2003	12/23/2008	031646280T	2	A3M4
131258	260073106	PILGRIM'S PRIDE #79530	11/26/2003	12/23/2008	031646280V	2	A3M4
131258	260073106	PILGRIM'S PRIDE #79530	11/26/2003	12/23/2008	031965097T	4	A3M4
131258	260073106	PILGRIM'S PRIDE #79530	11/26/2003	12/23/2008	031965097V	4	A3M4
131258	260073106	PILGRIM'S PRIDE #79530	11/26/2003	12/23/2008	031965105T	4	A3M4
131258	260073106	PILGRIM'S PRIDE #79530	11/26/2003	12/23/2008	031965105V	4	A3M4

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131258 Count					6		
131379	260077132	PILGRIM'S PRIDE	11/24/2003		077580505T	5/8	A3M4
131379	260077132	PILGRIM'S PRIDE	11/24/2003		084747512T	5/8	A3M4
131379 Count					2		
133306	260073117	BROMID LLC	1/20/2004	4/18/2005	031980619T	4	A3MSM
133306	260073117	BROMID LLC	1/20/2004	4/18/2005	048184589V	1	A3M4S
133306 Count					2		
139731	260073021	ADTECH CERAMICS	5/17/2004		060026451T	2	A3M4S
139731	260073021	ADTECH CERAMICS	5/17/2004		060026451V	2	A3M4S
139731	260073021	ADTECH CERAMICS	5/17/2004		060039990T	2	A3MSM
139731	260073021	ADTECH CERAMICS	5/17/2004		060039990V	2	A3MSM
139731 Count					4		
147134	260033481	SSM PROPERTIES LP	9/30/2004		031879936V	2	A3M4
147134	260033481	SSM PROPERTIES LP	9/30/2004		060396046T	1-1/2	A3M4
147134 Count					2		
150937	260033461	Pathway Polymers Inc	12/16/2004		037938072V	1	A3M4
150937	260033461	Pathway Polymers Inc	12/16/2004		049532028T	1	A3M4
150937 Count					2		
150938	260033462	Pathway Polymers Inc	12/16/2004		037938068V	1	A3M4
150938	260033462	Pathway Polymers Inc	12/16/2004		049714058T	1	A3M4
150938	260033462	Pathway Polymers Inc	12/16/2004		049714058V	1	A3M4
150938 Count					3		
154153	260073687	SIGNAL MOUNTAIN CEMENT	2/18/2005	4/5/2005	031923053T	3	A3M4
154153 Count					1		
157121	260040893	Allied Metal Company	4/26/2005		080822638T	5/8	A3M4
157121 Count					1		
158276	260087868	CHATTA BOILER & TANK MFG	5/27/2005		080823073T	5/8	A3M4
158276 Count					1		
159463	260086612	HYPERLAST NORTH AMERICA	6/2/2005	6/14/2005	070132798T	3	A3M4
159463 Count					1		
168297	260073468	WM Wrigley's Jr Company	11/10/2005		031911314V	2	A3M4
168297	260073468	WM Wrigley's Jr Company	11/10/2005		031924279V	2	A3M4M
168297	260073468	WM Wrigley's Jr Company	11/10/2005		060449702T	2	A3M4M
168297	260073468	WM Wrigley's Jr Company	11/10/2005		060449702V	2	A3M4M
168297	260073468	WM Wrigley's Jr Company	11/10/2005		060449706T	2	A3M4
168297	260073468	WM Wrigley's Jr Company	11/10/2005		060449706V	2	A3M4
168297 Count					6		
168298	260073469	WM Wrigley's Jr Company	11/10/2005		031838450V	2	A3M4
168298	260073469	WM Wrigley's Jr Company	11/10/2005		031876480V	2	A3M4M
168298	260073469	WM Wrigley's Jr Company	11/10/2005		060449696T	2	A3M4
168298	260073469	WM Wrigley's Jr Company	11/10/2005		060449696V	2	A3M4
168298	260073469	WM Wrigley's Jr Company	11/10/2005		060449700T	2	A3M4M
168298	260073469	WM Wrigley's Jr Company	11/10/2005		060449700V	2	A3M4M
168298 Count					6		
175506	260080274	Basf Corporation	3/7/2006		038081295V	5/8	A3M4
175506	260080274	Basf Corporation	3/7/2006		083218566T	5/8	A3M4
175506	260080274	Basf Corporation	3/7/2006		089154444T	5/8	A3M4
175506 Count					3		
189404	260002864	Lamberti Sythesis USA, INC	12/5/2006		060453102T	2	A3MSM
189404	260002864	Lamberti Sythesis USA, INC	12/5/2006		060453110T	2	A3M4S
189404 Count					2		
212088	260078914	Fibron	2/28/2008		070001743T	2	A3M4M
212088	260078914	Fibron	2/28/2008		070001746T	2	A3M4
212088	260078914	Fibron	2/28/2008		070027567T	2	A3M4M
212088	260078914	Fibron	2/28/2008		070030967T	2	A3M4
212088 Count					4		
213277	260082641	Coca Cola North America	3/26/2008	1/30/2009	047470534T	1	A3M4
213277 Count					1		
221993	260011267	Alstom Power Turbo	6/18/2008		031988573T	4	A3M4M
221993	260011267	Alstom Power Turbo	6/18/2008		070070989T	2	A3M4S
221993 Count					2		
227279	260011425	Pilgrims Pride	12/23/2008		060449864T	2	A3M4

TN-CAPD-01-PART III-Q16

Acct #	Premise	Account Name	Initial Service	Discontinued Date	Meter Number	Service Size	Rate Schedule
227279 Count						1	
227282	260025803	Pilgrims Pride	12/23/2008		060425477T	2	A3MSM
227282	260025803	Pilgrims Pride	12/23/2008		060453194T	2	A3M4S
227282 Count						2	
227283	260073106	Pilgrims Pride	12/23/2008		031646280T	2	A3M4
227283	260073106	Pilgrims Pride	12/23/2008		031965097T	4	A3M4
227283	260073106	Pilgrims Pride	12/23/2008		031965105T	4	A3M4
227283 Count						3	
227286	260070932	Pilgrims Pride	12/23/2008		070163447T	2	A3M4
227286 Count						1	
227288	260025804	Pilgrims Pride	12/23/2008	11/18/2009	060425463T	2	A3M4
227288	260025804	Pilgrims Pride	12/23/2008	11/18/2009	060453194T	2	A3M4
227288 Count						2	
227291	260084407	Pilgrims Pride	12/23/2008		070001747T	2	A3M4S
227291	260084407	Pilgrims Pride	12/23/2008		070163435T	2	A3MSM
227291	260084407	Pilgrims Pride	12/23/2008		070163446T	2	A3M4S
227291	260084407	Pilgrims Pride	12/23/2008		070163453T	2	A3MSM
227291	260084407	Pilgrims Pride	12/23/2008		070187458T	2	A3MSM
227291	260084407	Pilgrims Pride	12/23/2008		070187462T	2	A3M4S
227291 Count						6	
227294	260026351	Pilgrims Pride	12/23/2008		047905168T	1	A3M4
227294 Count						1	
231346	260092974	N A Industries Inc.	3/31/2009		070056025T	4	A3M4
231346 Count						1	
231351	260025677	Koch Foods LLC	4/1/2008		070034146T	2	A3M4
231351	260025677	Koch Foods LLC	4/1/2008		070070994T	2	A3M4
231351 Count						2	
235588	260073390	Akzo Nobel Surface Chemistry,	6/4/2009		060378528T	2	A3MSM
235588	260073390	Akzo Nobel Surface Chemistry,	6/4/2009		060378544T	2	A3M4S
235588	260073390	Akzo Nobel Surface Chemistry,	6/4/2009		060593283T	2	A3M4S
235588 Count						3	
235655	260079468	Akzo Nobel Surface Chemistry,	6/4/2009		060453104T	2	A3M4S
235655	260079468	Akzo Nobel Surface Chemistry,	6/4/2009		060453112T	2	A3MSM
235655 Count						2	
250798	260093749	ADM Milling Co	5/14/2010		060440641T	2	A3M4
250798 Count						1	
Grand Count						494	

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **John Watson/Sheila Miller**

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

17. Provide the contracts and or rates currently in effect by utility for purchasing water for resale from the Company: including but not limited to Ft. Oglethorpe, Catoosa Utility District, Walden's Ridge Utility District, Signal Mountain, and any other party.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q17-ATTACHMENT.



TENNESSEE
AMERICAN WATER

Tennessee American Water
1101 Broad Street
Chattanooga, TN 37403
amwater.com

P 423-755-7607

F 423-755-7634

September 30, 2008

Mr. Jerry Lee, Chairman
Catoosa Utility District
Post Office Box 750
Ringgold, GA 30736

Dear Mr. Lee:

It is the goal of Tennessee American Water to provide the highest quality of water service at the lowest possible price. We have worked diligently to control operational expenses and have succeeded in keeping them at one-half of the annual rate of inflation. While doing so, the company has continued to make the necessary investments to maintain the quality of the water system.

To continue to provide the best product possible, it has become necessary for Tennessee American to increase water rates to the customers in our general service area. That rate increase was granted by the Tennessee Regulatory Authority and will become effective October 1, 2008.

As a result of that increase, we have reviewed the Water Purchase Agreement that we currently have with your organization. As a courtesy, we are providing written notice thirty days prior to any such increase. The purpose of this letter is to serve as that notice. The rate that Tennessee American Water will place in effect on November 1, 2008 will be \$0.935 per CCF (hundred cubic feet). Your current rate is \$0.8961 per CCF.

Tennessee American appreciates the partnership we share with your organization. Please call me personally should you have any questions or want to discuss this matter. You may reach me at 755-7607.

Sincerely,

John S. Watson
President

Water Rate Schedule D
 D5MC
 D5MCM



John S. Watson
 Vice-President &
 General Network Manager

May 30, 2007

Mr. Jerry Lee, Chairman
 Catoosa Utility District
 Post Office Box 750
 Ringgold, GA 30736

Dear Mr. Lee:

It is the goal of Tennessee American Water to provide the highest quality of water service at the lowest possible price. We have worked diligently to control operational expenses and have succeeded in keeping them at one-half of the annual rate of inflation. While doing so, the company has continued to make the necessary investments to maintain the quality of the water system.

To continue to provide the best product possible, it has become necessary for Tennessee American to increase water rates to the customers in our general service area. That rate increase was granted by the Tennessee Regulatory Authority and became effective May 22, 2007.

As a result of that increase, we have reviewed the Water Purchase Agreement that we currently have with your organization. As a courtesy, we are providing written notice thirty days prior to any such increase. The purpose of this letter is to serve as that notice. The rate that Tennessee American Water will place in effect on June 29, 2007 will be \$0.8961 per CCF (hundred cubic feet). Your current rate is \$0.796 per CCF.

Tennessee American appreciates the partnership we share with your organization. Please call me personally should you have any questions or want to discuss this matter. You may reach me at 755-7607.

Sincerely,

John S. Watson
 Vice President & General
 Network Manager

American Water
 1101 Broad Street
 Post Office Box 6338
 Chattanooga, TN 37401
 USA
 T +1 423 755 9307
 F +1 423 755 7634
 I www.tawc.com



Tennessee-American Water Company

P.O. Box 6338 • 1101 South Broad Street • Chattanooga, TN 37401

Richard T. Sullivan
Vice President and Manager

(423) 755-7620
Fax (423) 755-7634
<http://www.tawc.com>

December 1, 1998

T. G. Pappas, Esq.
Bass, Berry & Sims
2700 First American Center
315 Deaderick Street
Nashville, TN 37238

Dear Ted:

Enclosed find a Water Purchase Agreement between Tennessee-American Water Company and the Catoosa Utility District, which has been executed on behalf of both the utility district and Tennessee-American. As you will note, this is a ten-year agreement effective January 1, 1999, and is now ready to be submitted to the Tennessee Regulatory Authority for approval.

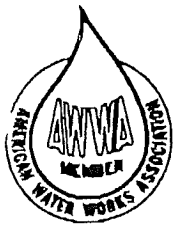
I will appreciate your taking the necessary steps for filing. Should you have any questions or need any further information, please let me know.

Sincerely yours,

R. T. Sullivan
Vice-President and Manager

RTS/vbs
Enclosure

c: Hal Novak
R. J. Gallo



Catoosa Utility District

*Managed By
Catoosa County Board of Utilities Commissioners*

P. O. DRAWER 750
RINGGOLD, GEORGIA 30736-0750
PHONE: 706-937-4121

November 30, 1998

DEC 01 1998

Mr. Richard T. Sullivan
Vice President and Manager
Tennessee-American Water Company
P. O. box 6338
Chattanooga, Tennessee 37402

Re: Tennessee-American Water Purchase Agreement

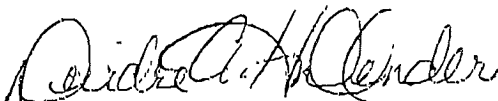
Please find three signed copies of the above referenced agreement.

You will find one change on the first page of the contract, which is the District's physical and mailing address.

Please forward a copy to me, when you have signed, for our files.

Thank you for your cooperation. I look forward to a long and prosperous relationship with Tennessee-American Water Company.

Sincerely,
CATOOSA UTILITY DISTRICT


Deirdre A. Hullender
Secretary/Treasurer

DAH/dah

Enclosures - 3 copies of Water Purchase Agreement

c: Board of Utilities Commissioners

WATER PURCHASE AGREEMENT

THIS AGREEMENT, made this 24th day of November, 1998 by and between

Tennessee-American Water Company ("Tennessee-American"), located at 1101 Broad Street, P. O. Box 6338, Chattanooga, Tennessee

and

Catoosa Utility District, located at ~~Highway 41 North~~,
Ringgold, Georgia 1058 OLD HILL RD
P.O. Box 750 

WHEREAS, Tennessee-American, a Tennessee corporation, is a public utility which owns and operates a water utility system in and around the City of Chattanooga, Tennessee including the contiguous Tennessee cities of Red Bank, East Ridge, Ridgeside, and Lookout Mountain, plus the cities of Rossville and Lookout Mountain, Georgia and areas in the Georgia counties of Dade, Walker and Catoosa; and

WHEREAS, Catoosa Utility District wishes to purchase a portion of its water supply from Tennessee-American; and

WHEREAS, Tennessee-American currently supplies a minimal amount of water to Catoosa Utility District and has the capability and facilities in place to provide all or substantially all of the water supply currently required by Catoosa Utility District; and

WHEREAS, Catoosa Utility District and Tennessee-American are desirous of establishing an Agreement for the purchase of water for a fixed period of time; and

WHEREAS, the parties have reached an Agreement for the sale and purchase of water which they now desire to record in writing;

NOW, THEREFORE, in consideration of the mutual covenants contained herein and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

SECTION I

SALE OF WATER

During a ten (10) year period, Catoosa Utility District agrees to purchase a minimum of water from Tennessee-American Water Company as follows:

- Year 1: First six (6) months (January 1, 1999 through June 30, 1999) No minimum requirement to allow for the District to complete the necessary improvements to their system.
- Year 1: Second six (6) months (July 1, 1999 through December 31, 1999) 45,625,000 gallons (250,000 gallons per day average)
- Year 2 - 5: 182,500,000 gallons per year (500,000 gallons per day average)
- Year 6 - 10: 273,750,000 gallons per year (750,000 gallons per day average)

During the first three (3) years of this agreement, all water sold to the Catoosa Utility District will be at the rate of \$.95 per 1,000 gallons for the first 35 million gallons per month. All water purchased over 35 million gallons per month will be at the rate of \$.74 per 1,000 gallons. Any increase in rates approved by the Tennessee Regulatory Authority for Tennessee-American Water Company during the remaining seven (7) years of this agreement will be applied to the rates charged to the Catoosa Utility District.

SECTION II

FLUORIDATION OF WATER SUPPLY

The Company will fluoridate the water supplied to the Catoosa Utility District, in accordance with the Tennessee Department of Environment and Conservation Rule 1200-5-1-.17 (20), which requires the maintenance of a monthly average concentration of fluoride between 0.9 mg/l and 1.3 mg/l, unless required to do otherwise by applicable state law or regulations.

SECTION III

OPERATIONAL REQUIREMENTS

In order to minimize utilization of the peaking capacity of Tennessee-American, Catoosa Utility District will provide adequate storage to provide for its own maximum hour needs. Catoosa Utility District shall maintain a minimum of one day of water supply storage on their distribution system.

SECTION IV

METERING

Metering of the water sold under this Agreement shall be at the existing meter settings located at Highway 27 at Cloud Springs Road and along Scruggs Road.

SECTION V

BILLING

On or before the tenth day of each month, Tennessee-American will issue an invoice to Catoosa Utility District for Catoosa Utility District's metered usage during the prior month.

Payment of such invoice will be made by Catoosa Utility District eighteen days after receipt of the invoice.

SECTION VI

APPROVALS BY TENNESSEE REGULATORY AUTHORITY

It is understood and agreed that this Agreement is conditioned on approval by the Tennessee Regulatory Authority ("TRA"). Promptly upon execution of this Agreement, Tennessee-American shall file an application for approval with the TRA and take such action in good faith as may be necessary to obtain the appropriate approval.

SECTION VII

TERM OF AGREEMENT

The term of this Agreement shall be for a period of ten (10) years. The ten (10) year period shall commence on the first day of the month following approval of the agreement by the Tennessee Regulatory Authority.

SECTION VIII

FORCE MAJEURE

Neither Catoosa Utility District nor Tennessee-American shall be liable for damages to the other for any act, omission, or circumstance occasioned by or in consequence of any strikes, lockouts, acts of the public enemy, wars, blockades, insurrections, riots, epidemics, landslides,

lightning, earthquakes, fires, storms, floods, washouts, civil disturbances, explosions, breakage, or accident to machinery or lines of pipe, and any other cause, whether of the kind herein enumerated or otherwise, not reasonably within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome. Failure to prevent or settle any strike or strikes shall not be considered to be a matter within the control of the party claiming suspension. Such causes or contingencies affecting such performance shall not relieve Catoosa Utility District from its obligations to make payment of amounts due hereunder.

SECTION IX

RENEWAL OF AGREEMENT

This Agreement may be renegotiated for additional periods of time beyond the term of this Agreement. Negotiations to extend the term of this Agreement shall commence no later than sixty (60) days prior to the expiration date of this Agreement. However, the rates to be charged during any renewal period shall also be subject to prior approval by TRA.

CATOOSA UTILITY DISTRICT

By: R. F. Pierce
R. FRANK PIERCE

Its: CHAIRMAN

TENNESSEE-AMERICAN WATER COMPANY

By: Richard T. Sullivan
Richard T. Sullivan

Its: Vice-President and Manager

**TENN-AMERICAN
WATER COMPANY**

*Vicki Griffith
Senior Secretary
Tennessee-American Water Company
Phone: 423/755-7614
FAX: 423/755-7636
email: vgriffitt@amwater.com*

Facsimile

*To: Shelia Valentine
Fax #: 304-353-6308
From: Vicki
Date: January 27, 2003
Re: Catoosa County Utility Contract
Pages: 8 pages (including cover page)*



TENNESSEE
AMERICAN WATER

Tennessee American Water
1101 Broad Street
Chattanooga, TN 37402
amwater.com

P 423-755-7607
F 423-755-7634

September 30, 2008

The Honorable Ronnie Cobb
Mayor, City of Fort Oglethorpe
Post Office Drawer 5509
Fort Oglethorpe, GA 30742

Dear Mayor Cobb:

It is the goal of Tennessee American Water to provide the highest quality of water service at the lowest possible price. We have worked diligently to control operational expenses and have succeeded in keeping them at one-half of the annual rate of inflation. While doing so, the company has continued to make the necessary investments to maintain the quality of the water system.

To continue to provide the best product possible, it has become necessary for Tennessee American to increase water rates to the customers in our general service area. That rate increase was granted by the Tennessee Regulatory Authority and will become effective October 1, 2008.

As a result of that increase, we have reviewed the Water Purchase Agreement that we currently have with your organization. It stipulates that we must provide a written notice twelve months prior to any such increase. The purpose of this letter is to serve as that notice. The rate that Tennessee American Water will place in effect on November 1, 2009 will be \$0.935 per CCF (hundred cubic feet). Your current rate is \$0.8961 per CCF.

Tennessee American appreciates the partnership we share with your organization. Please call me personally should you have any questions or want to discuss this matter. You may reach me at 755-7607.

Sincerely,

John S. Watson
President



John S. Watson
Vice-President &
General Network Manager

May 30, 2007

The Honorable Judd Burkhart
Mayor, City of Fort Oglethorpe
Post Office Drawer 5509
Fort Oglethorpe, GA 30742

Dear Mayor Burkhart:

It is the goal of Tennessee American Water to provide the highest quality of water service at the lowest possible price. We have worked diligently to control operational expenses and have succeeded in keeping them at one-half of the annual rate of inflation. While doing so, the company has continued to make the necessary investments to maintain the quality of the water system.

To continue to provide the best product possible, it has become necessary for Tennessee American to increase water rates to the customers in our general service area. That rate increase was granted by the Tennessee Regulatory Authority and became effective May 22, 2007.

As a result of that increase, we have reviewed the Water Purchase Agreement that we currently have with your organization. It stipulates that we must provide a written notice twelve months prior to any such increase. The purpose of this letter is to serve as that notice. The rate that Tennessee American Water will place in effect on May 30, 2008 will be \$0.8961 per CCF (hundred cubic feet). Your current rate is \$0.796 per CCF.

Tennessee American appreciates the partnership we share with your organization. Please call me personally should you have any questions or want to discuss this matter. You may reach me at 755-7607.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Watson", written over a horizontal line.

John S. Watson
Vice President & General
Network Manager

American Water
1101 Broad Street
Post Office Box 6338
Chattanooga, TN 37401
USA
T +1 423 755 9307
F +1 423 755 7634
I www.tawc.com

BASS, BERRY & SIMS PLC

A PROFESSIONAL LIMITED LIABILITY COMPANY
ATTORNEYS AT LAWT. G. PAPPAS
TEL: (615) 742-6242
FAX: (615) 742-6293315 DEADERICK STREET, SUITE 2700
NASHVILLE, TENNESSEE 37238-0002
(615) 742-6200KNOXVILLE OFFICE:
1700 RIVERVIEW TOWER
KNOXVILLE, TN 37901-1509
(423) 521-6200MEMPHIS OFFICE:
100 PEABODY STREET, SUITE 950
MEMPHIS, TN 38103
(901) 312-9100

December 12, 2000

VIA HAND DELIVERYMr. K. David Waddell
Executive Secretary
TENNESSEE REGULATORY AUTHORITY
460 James Robertson Parkway
Nashville, Tennessee 37243-0505**RE: Special Contract Water Purchase Agreement Between Tennessee American Water Company and the City of Fort Oglethorpe, Georgia**

Dear Mr. Waddell:

Enclosed please find original and 13 copies of a Water Purchase Agreement dated October 23, 2000 by and between Tennessee American Water Company and the City of Fort Oglethorpe, Georgia for approval of the Directors of the Tennessee Regulatory Authority pursuant to Rules 1220-4-1-07 Special Contracts and 1220-4-1-08 Resale of Water of the Rules of the Authority.

As you will notice this is an extension of a previous agreement between the parties that was approved by the Authority in Docket No. 97-00223 by Order dated March 10, 1997. The terms and conditions as to the water are practically the same, but there is a Schedule A attached to the contract and made a part thereof, which is a description of certain non-regulated services which the City may purchase and the terms and conditions and hourly rates of those services.

We are also attaching a copy of Page 5 of the October 23, 2000 minutes of the City Council of Fort Oglethorpe. Item 4 recites that the City Council is approving this contract unanimously. Also I am enclosing a copy of a unanimous Consent by the Board of Directors of Tennessee American Water Company, without a meeting, dated as of November 1, 2000 approving the Contract.

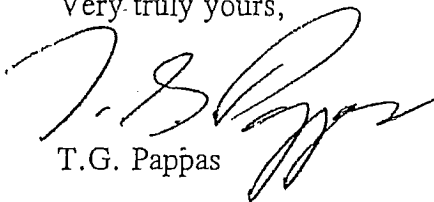
The approval of this Extension Agreement and Service Agreement would allow the Company to continue furnishing water to the City of Oglethorpe, Georgia for resale to its customers at the same and non-discriminatory price and under the same conditions as it has in the past and it would benefit the town of Fort Oglethorpe, Georgia and its residents by providing a good, clean, dependable water

Mr. K. David Waddell
December 12, 2000
Page 2

supply at fair and affordable prices. If you have any questions concerning this contract, do not hesitate to call me or Mr. Bill L'Ecuyer at (423) 755-9307.

With kindest regards, I remain,

Very truly yours,



T.G. Pappas

Enclosures

cc: William F. L'Ecuyer
Herbert A. Miller, Jr., Esq.
Roy Ferrell
Daniel R. Bailey
Cynthia Kinser, Esq.
Richard Collier, Esq. (w/o enclosures)

TGP2161281.1

WATER PURCHASE AGREEMENT

THIS WATER PURCHASE AGREEMENT ("Agreement"), made this 23RD day of _____
OCT., 2000 by and between

Tennessee-American Water Company ("Tennessee-American"),
located at 1101 Broad Street, P.O. Box 6338, Chattanooga,
Tennessee

and

City of Fort Oglethorpe, Georgia ("Ft. Oglethorpe"), located at
500 City Hall Drive, Fort Oglethorpe, Georgia

WHEREAS, Tennessee-American, a Tennessee corporation is a public utility which owns and operates a water utility system in and around the City of Chattanooga, Tennessee including the contiguous Tennessee cities of Red Bank, East Ridge, Ridgeside, and Lookout Mountain, plus the cities of Rossville and Lookout Mountain, Georgia and areas in the Georgia counties of Dade, Walker and Catoosa; and

WHEREAS, Ft. Oglethorpe wishes to continue to purchase all or substantially all of its water supply from Tennessee-American; and

WHEREAS, Tennessee-American currently supplies substantially all of the water to Ft. Oglethorpe and has the capability and facilities in place to provide all or substantially all of the water supply currently required by Ft. Oglethorpe; and

WHEREAS, Ft. Oglethorpe and Tennessee-American are desirous of extending its existing agreement for the purchase of water for a fixed period of time and amending said agreement for the purchase of certain services from Tennessee-American; and,

WHEREAS, the parties have reached an Agreement for the sale and purchase of water and services which they now desire to record in writing;

NOW, THEREFORE, in consideration of the mutual covenants contained herein and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

SECTION I

SALE OF WATER

Ft. Oglethorpe agrees to purchase from Tennessee-American, a minimum of 273,750,000 gallons per year. Ft. Oglethorpe agrees to pay \$.95 per one-thousand gallons (the "\$.95 Rate") for the first 35,000,000 gallons each month. Water purchased in excess of 35,000,000 gallons per month shall be paid at the rate of \$0.74 per one-thousand gallons. Such rates shall not be increased during the initial term of the Agreement.

On or before the tenth day after the end of each twelve months of this Agreement, Tennessee-American will review the usage of Ft. Oglethorpe during the prior twelve-month period year. Should Ft. Oglethorpe's usage be less than 273,750,000 gallons, that month's invoice will include a charge for the difference between the actual usage and 273,750,000 gallons priced at the \$.95 Rate.

SECTION II

FLUORIDATION AND TREATMENT OF WATER SUPPLY

The Company will fluoridate the water supplied to the City of Fort Oglethorpe, in accordance with the Tennessee Department of Environment and Conservation Rule 1200-5-1-17(20), which requires the maintenance of a monthly average concentration of fluoride at the Point of Delivery between 0.9 mg/l and 1.3 mg/l, unless required to do otherwise by applicable Tennessee state law or regulations. Any treatment of the water after the Point of Delivery shall

be the responsibility of Ft. Oglethorpe, unless otherwise agreed to in writing between the parties.
Upon request, the Company will provide documentation as to water quality.

SECTION III

METERING

Metering of the water sold under this Agreement shall be at the Point of Delivery. Meters shall be installed by Tennessee-American that will allow for the flow of water into Ft. Oglethorpe's water distribution system for ease of controlling/operating the pumping facilities providing water to Ft. Oglethorpe.

SECTION IV

BILLING

On or before the tenth day of each month, Tennessee-American will issue an invoice to Ft. Oglethorpe for Ft. Oglethorpe's metered usage during the prior month. Payment of such invoice must be made by Ft. Oglethorpe within eighteen days after receipt of the invoice. Late fees shall be imposed pursuant to the tariff filed with the Tennessee Regulatory Authority, as amended from time to time.

SECTION V

APPROVALS

It is understood and agreed that this Agreement is conditioned on approval by the Tennessee Regulatory Authority ("TRA") and the Tennessee-American Board of Directors. Promptly upon execution of this Agreement, Tennessee-American shall file an application for approval with the TRA and take such action in good faith as may be necessary to obtain the appropriate approval.

SECTION VI

INITIAL TERM OF AGREEMENT AND RENEWAL PERIODS

The initial term of this Agreement shall be for a period of three (3) years or thirty-six (36) monthly billing periods with three (3) optional three (3) year renewal periods. This Agreement will automatically renew on the same terms and conditions unless Ft. Oglethorpe notifies Tennessee American in writing that it affirmatively elects to not renew the Agreement no later than six (6) months prior to the termination date of the initial terms or any renewal term thereafter.

The water rates set forth in Section I are subject to increase during any renewal period as may be approved by the TRA. Tennessee-American will give Ft. Oglethorpe twelve (12) months prior written notice of any such rate increase and said rates are only subject to increase once per each renewal period.

The initial term shall commence with the effective date of the purchase of water under this Agreement. The effective date of the commencement of sales under the terms of this Agreement shall be the beginning of the next regular monthly billing period following approval of this Agreement by the TRA. Tennessee American shall notify Ft. Oglethorpe in writing of the date constituting the effective date of the purchase of water under this Agreement, once said date is established. No later than nine (9) months prior to the termination date of the initial terms or any renewal term thereafter, Tennessee-American shall notify Fort Oglethorpe in writing of the upcoming termination date.

SECTION VII

FORCE MAJEURE

Neither Ft. Oglethorpe or Tennessee-American shall be liable for damages to the other for any act, omission, or circumstance occasioned by or in consequence of any strikes, lockouts, acts of the public enemy, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, droughts, washouts, civil disturbances, explosions, defects, leakage, breakage, or accident to machinery or lines of pipe, and any other cause, whether of the kind herein enumerated or otherwise, not reasonably within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome. Failure to prevent or settle any strike or strikes shall not be considered to be a matter within the control of the party claiming suspension. Such causes or contingencies affecting such performance shall not relieve Ft. Oglethorpe from its obligations to make payment of amounts due hereunder. During the period of force majeure, the minimum annual charge shall be reduced by a ratio equal to the number of days of complete interruption divided by 365 days. If, during the period of force majeure some water can be delivered, then the ratio shall be multiplied by the percentage reduction in usage.

In the event of any type of water curtailment or interruption event, or any procedure, regulation or law for curtailment or interruption is utilized by, or imposed upon, Tennessee-American, then Ft. Oglethorpe shall abide by such curtailment or interruption procedures so as to restrict its customers in a fashion similar to affected customers of Tennessee-American.

SECTION VIII

EXTENSION OF AGREEMENT

This Agreement may be renegotiated for additional periods of time beyond the initial term of this Agreement and the renewal periods set forth in Section VI. Negotiations to extend the term of this Agreement beyond the last renewal period shall commence no later than six (6) months prior to the expiration date. However, the rates to be charged during any extension period and any renegotiated conditions shall be subject to prior approval by TRA.

SECTION IX

REPRESENTATIONS, COVENANTS AND INDEMNITY

(1) Authority

Ft. Oglethorpe represents and covenants that, at all times, it has the authority to enter into this Agreement, that no other requirements exist for this Agreement to be enforceable and that nothing in this Agreement is in violation, or will cause a violation, of any other contract, obligation or law to which Ft. Oglethorpe is subject.

(2) Resale

Ft. Oglethorpe may resell to another water re-seller any water purchased from Tennessee-American, provided Ft. Oglethorpe gives Tennessee-American ninety (90) days prior written notice. If Fort Oglethorpe enters an agreement to resell water purchased from Tennessee-American to another water re-seller, Fort Oglethorpe remains responsible for compliance with Section IX(3).

(3) Inter-basin Transfer

Ft. Oglethorpe acknowledges that none of the water it receives from Tennessee-American may be transferred, either directly or indirectly, outside the Lower Tennessee-Hiwassee River Basin, as that basin is defined by the Tennessee Department of Environment and Conservation ("TDEC"), unless Tennessee-American first obtains a permit for such transfer from TDEC.

Ft. Oglethorpe certifies and agrees that none of the water it receives from Tennessee-American will be transferred, either directly or indirectly, outside the Lower Tennessee-Hiwassee River Basin, as that basin is defined by TDEC, unless: (1) Ft. Oglethorpe provides Tennessee-American with 90-days prior notice of its intent to transfer such water outside the above-named basin, and (2) Ft. Oglethorpe receives notification from Tennessee-American that the proposed transfer has been approved by TDEC through the requisite permitting process.

Ft. Oglethorpe agrees to cooperate fully with Tennessee-American and TDEC and provide any documentation, records, or other assistance requested by Tennessee-American or TDEC throughout any required permitting process.

Ft. Oglethorpe agrees to indemnify Tennessee-American for the amount of any permit application fee Tennessee-American is assessed as a result of Ft. Oglethorpe's intent to transfer any water it received from Tennessee-American outside the Lower Tennessee-Hiwassee River Basin, as that basin is defined by TDEC.

Ft. Oglethorpe agrees to indemnify Tennessee-American for any fines, fees, or penalties Tennessee-American is assessed, or any costs Tennessee-American incurs due to any action on the part of Ft. Oglethorpe that results in a violation of any permitting requirement.

On September 1 of each year, Ft. Oglethorpe agrees to provide Tennessee-American with a statement, signed under oath, certifying that during the previous calendar year, Ft. Oglethorpe

has not directly or indirectly transferred any of the water it receives from Tennessee-American outside the Lower Tennessee-Hiwassee River basin, as that basin is defined by TDEC.

(4) Indemnification

Ft. Oglethorpe hereby indemnifies and holds Tennessee-American harmless from and against any claim, demands, penalties, actions, judgments, and losses or liabilities whatsoever, arising from or in connection with its breach or violation of this Agreement.

SECTION X

AFFIDAVITS

Prior to the effective date of this Agreement, and at any time during this Agreement upon reasonable notice, Ft. Oglethorpe agrees to provide an affidavit (or certificate, at the discretion of Tennessee-American) which represents and covenants that it is not in breach or any violation of this Agreement, nor has it any knowledge of any fact which, by the passage of time, will cause it to be in breach or violation of this Agreement.

SECTION XI

SERVICES

During the term of this Agreement, Tennessee-American may provide to Ft. Oglethorpe, certain non-regulated services ("Services") which are set forth in Schedule A, which is attached hereto and incorporated herein by reference. In the event such Services are provided, Ft. Oglethorpe agrees to pay Tennessee-American for such Services at the rates and charges set forth in Schedule A, as such may be amended from time to time by Tennessee-American upon giving Ft. Oglethorpe sixty (60) days advance notice.

Tennessee-American may add or discontinue Services to be offered under this Agreement upon written notice to Ft. Oglethorpe.

Tennessee-American reserves the right to enter into such separate agreements, contracts, work orders or other arrangement with Ft. Oglethorpe in order to adequately address the scope and performance of the specific Services to be provided to Ft. Oglethorpe.

Charges and rates for the Services shall be billed and paid, at the determination of Tennessee-American, either monthly along with Ft. Oglethorpe's metered usage according to Section V above, or on such other terms and conditions as directed by Tennessee-American.

SECTION XII

MISCELLANEOUS PROVISIONS

(1) Assignment

Upon obtaining written approval from Tennessee-American which will not be unreasonably withheld, this Agreement may be assigned by Ft. Oglethorpe to any successor in the operation of the facilities currently owned by Ft. Oglethorpe.

(2) Notices

Any notice required or permitted to be given by one of the parties to this Agreement shall be given by U.S. mail, personal delivery or by overnight carrier to the other party at the address set forth below:

City of Ft. Oglethorpe, Georgia
500 City Hall Drive
Ft. Oglethorpe, Georgia 30742
Attn: City Manager

Tennessee-American Water Company
1101 Broad Street
P.O. Box 6338
Chattanooga, Tennessee 37401
Attn: President

Any notice so given shall be deemed given upon its deposit in the U.S. mail, upon personal delivery or upon its delivery to the overnight carrier.

(3) Governing Law And Venue

This Agreement shall be governed by the laws of the State of Tennessee, which state shall also be the venue for any actions arising under this Agreement.

(4) Enforceability

In the event that any provision hereof is found to be invalid or unenforceable, such invalidity or unenforceability shall not impair or limit the validity or enforceability of any other provision hereof, each of which shall continue in full force and effect, and this Agreement shall be construed as if such invalid or unenforceable provisions were omitted from this Agreement. Titles to any section or subsection in this Agreement are for assistance in identification only and shall not be used to determine the enforceability of any provision of this Agreement.

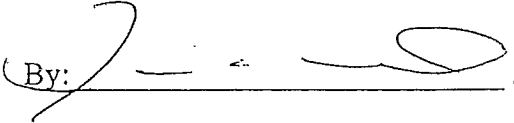
(5) Entire Agreement

This Agreement constitutes the entire Agreement between Ft. Oglethorpe and Tennessee-American with respect to the subject matter contained in the Agreement, except that Ft. Oglethorpe is subject to the rules, regulations and other applicable conditions and provisions set forth in Tennessee-American's tariff on file with the TRA and as from time to time amended. This Agreement shall not be amended without the prior written consent of both parties. No

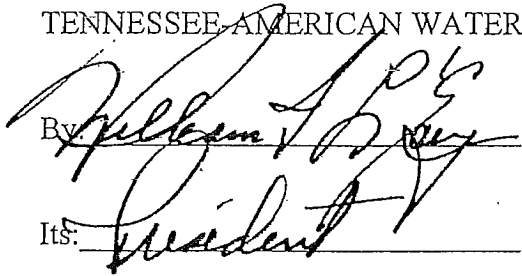
modification of this Agreement or waiver of any of its terms and conditions will be effective unless set forth in a written document signed by both parties.

CITY OF FORT OGLETHORPE, GEORGIA

TENNESSEE AMERICAN WATER CO.

By: 

Its: MAYOR

By: 

Its: President

ATTEST:


Its: City Clerk

SCHEDULE A

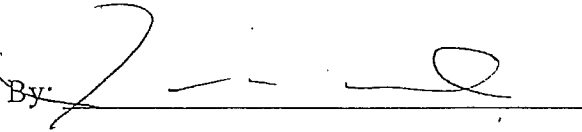
The following Schedule of Services is a general description of non-regulated Services which may be purchased on the terms and conditions, including hourly rate, which may be stated below. The actual scope of any Services to be performed and charges thereon may vary with the facts of each engagement. Therefore, each Service to be provided may be delineated in a specific contract, work order or other agreement.

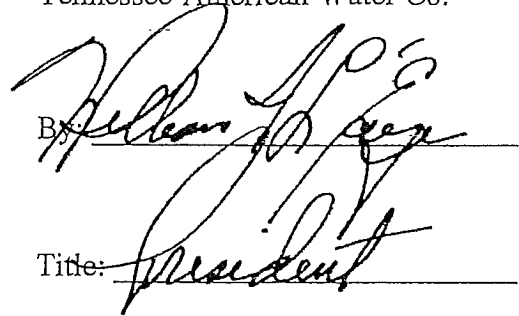
<u>General Type of Service</u>	<u>Fee</u>
1. System Flushing	\$400 per hour
2. Leak Detection	\$121 per hour
3. Valve Maintenance	\$121 per hour
4. Identification of Operation and Maintenance Problems	\$ 62 per hour
5. Fire hydrant flow-testing and maintenance	\$ 87 per hour
6. Water Quality Sampling for bacteria & chlorine analysis	\$ 41 per hour
7. Repair of Main Breaks	\$175 per hour, plus materials
8. Back Flow Valve Testing	\$ 41 per hour
9. Construction Inspection Services	\$ 51 per hour
10. Field Estimations for Main Extensions	\$ 61 per hour
11. Loss Control Services	\$ 64 per hour
12. Meter Testing (larger than 2-inch)	\$117 per hour, plus materials
13. Meter Change-out	\$ 68 per hour, plus materials
14. Meter Reading	\$ 35 per hour
15. Monthly Billing Services	\$0.405 per bill
16. Customer Services for Telephone Inquiries for Name Changes, Turn-Ons, Turn-Offs, Balance Inquiries, etc.	\$ 30 per hour

Some minimum charges per Service may exist and will set forth with each specific contract or work order.

City of Ft. Oglethorpe, Georgia

Tennessee-American Water Co.

By: 

By: 

Title: MAYOR

Title: President

ATTEST:


Its: City Clerk



Tennessee American Water
1101 Broad Street
Chattanooga, TN 37402
amwater.com

P 423-755-7607
F 423-755-7634

June 1, 2009

Mr. Ron West
Walden's Ridge Utility District
3900 Taft Highway
Signal Mountain, TN 37377

Dear Ron:

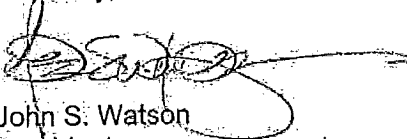
It is the goal of Tennessee American Water to provide the highest quality of water service at the lowest possible price. We have worked diligently to control operational expenses and have succeeded in keeping them at about the annual rate of inflation. While doing so, the company has continued to make the necessary investments to maintain the quality of the water system.

To continue to provide the best product possible, it became necessary for Tennessee American to increase water rates. Effective on June 1, 2009, the water rate charged by Tennessee American Water for service under the water purchase agreement with your water system dated July 14, 2003 will increase by 12.77% from \$1.25 per thousand gallons (\$0.9375 per hundred cubic feet) to \$1.41 per thousand gallons (\$1.0572 per hundred cubic feet) in accordance with the written order issued on January 13, 2009 by the Tennessee Regulatory Authority (TRA) in Case No. 2008-00039. Tennessee American Water affirms that the TRA has the ultimate jurisdiction regarding the pricing of water service under the contract between Walden's Ridge Utility District and Tennessee American Water Company and has the authority to determine the authorized rate adjustment after consideration of the cost of service study filed by the Company in the rate case filed with the TRA in 2008.

Tennessee American Water, in accordance with Rule 8.12 of the Rules, Regulations and Conditions of Water Service as approved by the TRA on March 23, 1988, must use the conversion factor used for conversion from hundred cubic feet to thousand gallons which shall be the basis for water consumption on the use of one cubic foot as being equivalent to seven and one-half (7.5) U. S. gallons.

Thank you for your cooperation and we look forward to continuing to serve your water needs.

Sincerely,



John S. Watson
President

WALDEN'S RIDGE UTILITY DISTRICT
3900 TAFT HIGHWAY
SIGNAL MOUNTAIN, TENNESSEE 37377

COMMISSIONERS:
FRANK GROVES, JR., PRESIDENT
ROBERT MCKENZIE, TREASURER
DAVID J. FULTON, SECRETARY

DAVID STREETER, MANAGER
DEE HOBBS, ATTORNEY

WATER PURCHASE AGREEMENT
AMENDMENT A

This is an amendment to the Water Purchase Agreement between Tennessee-American Water Company and Walden's Ridge Utility District signed the 14th day of July 2003. This Amendment (the "Amendment") to the Agreement is, made this 14th day of January, 2004, between and among WALDEN'S RIDGE UTILITY DISTRICT (hereinafter "WRUD"), and TENNESSEE-AMERICAN WATER COMPANY (hereinafter "TAWC")

Upon reviewing our records, it appears that WRUD and TAWC did not formally recognize the renegotiated purchase rate for which WRUD will charge TAWC for water purchased by TAWC from WRUD during the interim period (approximately 18 months) until TAWC has the new water transmission main installed to deliver water to WRUD.

At this time, the only detail found omitted is that WRUD will charge \$2.05 per 1000 gallons for all water sold to TAWC to supply the Lone Oak and Suck Creek Utility District areas and other areas as TAWC may expand its system in the future.

If for any reason TAWC exercises their option to withdraw from the planned water transmission main installation, then, WRUD reserves the right to bill at the original \$2.98 per 1000 gallons retroactive to the activation of water supply to the Lone Oak and Suck Creek Utility District areas and other areas as TAWC may have expanded its system up to the time of withdrawal.

IN WITNESS WHEREOF, WRUD and TAWC, have agreed to this Amendment A to be signed by the proper officers thereunto duly authorized, all as of the day and year first above written.

WALDEN'S RIDGE UTILITY DISTRICT
3900 TAFT HIGHWAY
SIGNAL MOUNTAIN, TENNESSEE 37377

COMMISSIONERS:
FRANK GROVES, JR., PRESIDENT
ROBERT MCKENZIE, TREASURER
DAVID J. FULTON, SECRETARY

DAVID STREETER, MANAGER
DEE HOBBS, ATTORNEY

TENNESSEE-AMERICAN WATER COMPANY

BY: David B. Schultz
David Schultz
Its: President

Acknowledgment for Tennessee-American Water Company

STATE OF TENNESSEE)
)
COUNTY OF Hamilton)

The foregoing instrument was acknowledged before me this 14th day of January, 2004, by David Schultz, as President of Tennessee-American Water Company.

My Commission expires: April 7, 2007

Virginia B. Searf
NOTARY PUBLIC, Chattanooga, TN.

WALDEN'S RIDGE UTILITY DISTRICT
3900 TAFT HIGHWAY
SIGNAL MOUNTAIN, TENNESSEE 37377

COMMISSIONERS:
FRANK GROVES, JR., PRESIDENT
ROBERT MCKENZIE, TREASURER
DAVID J. FULTON, SECRETARY

DAVID STREETER, MANAGER
DEE HOBBS, ATTORNEY

WALDEN'S RIDGE UTILITY DISTRICT

BY: [Signature]
Frank Groves, Jr.
Its: President

WITNESS:

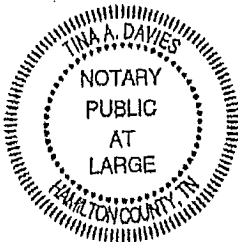
BY: [Signature]
David Streeter
Its: General Manager

Acknowledgment for Walden's Ridge Utility District

STATE OF TENNESSEE)
COUNTY OF Hamilton)

The foregoing instrument was acknowledged before me this 09 day of January 2004, by
Frank Groves, Jr., as President of Walden's Ridge Utility District.

My Commission expires: 12 August 2007



Tina A. Davies
NOTARY PUBLIC, Chattanooga, TN

(423) 886-2683 OFFICE • (423) 886-1940 FAX
OFFICE HOURS: 8:00 A.M. - 12:00 NOON AND 12:45 - 4:30 P.M. MONDAY THROUGH FRIDAY

WATER PURCHASE AGREEMENT

THIS AGREEMENT, made this 14th day of July 2003 by and between

Tennessee-American Water Company ("Tennessee-American"), located at 1101 Broad Street, Chattanooga, Tennessee

and

Walden's Ridge Utility District ("Walden's Ridge"), located at 3900 Taft Highway, Signal Mountain, Tennessee

WHEREAS, Tennessee-American, a Tennessee corporation, is a public utility which owns and operates a water utility system in and around the City of Chattanooga, Tennessee including the contiguous cities of Red Bank, East Ridge, Ridgeside, and Lookout Mountain, plus the cities of Rossville and Lookout Mountain, Georgia and areas in the Georgia counties of Dade, Walker and Catoosa; and

WHEREAS, Walden's Ridge wishes to purchase all of its water supply from Tennessee-American; and

WHEREAS, Tennessee-American has the capability to provide all of the water supply currently required by Walden's Ridge and is willing to construct a water supply pipeline and booster station, which will provide a sufficient volume of water in order to serve as WRUD's sole source of supply; and

WHEREAS, Walden's Ridge and Tennessee-American are desirous of establishing an Agreement for the purchase and sale of water for a fixed period of time; and

WHEREAS, the parties have reached an Agreement for the sale and purchase of water which they now desire to record in writing;

NOW THEREFORE, in consideration of the mutual covenants contained herein and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

SECTION I
EXCLUSIVE SUPPLIER

Tennessee-American agrees to sell and Walden's Ridge agrees to buy, during the term of this Agreement and any extension hereof, all of the potable and raw water requirements of Walden's Ridge, as it now exists or may hereafter be expanded, in conformity with the provisions hereof.

SECTION II
CONSTRUCTION OF FACILITIES

(A) Tennessee-American shall construct, at an estimated cost of \$2.4 million, a water supply pipeline and booster station from its existing distribution system to the Walden's Ridge water tank near Taft Highway, which will provide a sufficient volume of water in order to serve as Walden's Ridge sole source of supply. This water supply pipeline will be capable of delivering up to 2.9 million gallons of water per day at the top of the mountain. The estimated construction time, from the time of a final non-appealable order from the Tennessee Regulatory Authority ("TRA") granting approval of the project, until the connection to the system and delivery of water, is eighteen (18) months. In the event that the construction bid price exceeds \$2.4 million by 5% or more, Tennessee-American shall have the right to negotiate an adjustment in the price for the sale of water as provided in Section III hereof or terminate this Agreement.

(B) If any conditions or requirements are imposed by any regulatory authority, or court, which make this project economically unfeasible, Tennessee-American has the right to withdraw and terminate the Agreement.

(C) As part of this consideration, Walden's Ridge agrees that Tennessee-American will be the sole and exclusive supplier of potable and raw water to Walden's Ridge, as it now exists or

NOW THEREFORE, in consideration of the mutual covenants contained herein and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

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SECTION II
CONSTRUCTION OF FACILITIES

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(B) If any conditions or requirements are imposed by any regulatory authority, or court, which make this project economically unfeasible, Tennessee-American has the right to withdraw and terminate the Agreement.

(C) As part of this consideration, Walden's Ridge agrees that Tennessee-American will be the sole and exclusive supplier of potable and raw water to Walden's Ridge, as it now exists or

hereafter be changed, except as noted below in this Section, and that Walden's Ridge will not, without prior written consent of Tennessee-American, receive potable or raw water service from any person or entity (including Walden's Ridge and its own customers), for the period of time under the Agreement including any extensions or renewals. The parties agree that the approximately eighty (80) current Walden's Ridge customers in the Falling Water Community located on Levi Road, Ferry Road, Pickett Gulf Road, Levi Cemetery Road, Courtney Road and Godsey Road, will be an exception, which allows Walden's Ridge to seek an alternative source for these customers.

(D) In the event Walden's Ridge terminates the Agreement prior to the expiration of forty (40) years from the Date of Service, as defined below, or fails to renew the agreement for a period of time adequate to allow Tennessee-American an opportunity to recover its investment, or if Tennessee-American is no longer the sole and exclusive provider of potable and raw water to Walden's Ridge, or fails to pay Tennessee-American as provided herein, then Walden's Ridge, and its successors and assigns, agree to pay Tennessee-American, within thirty (30) days following such termination or event, the balance of the undepreciated costs, on a straight-line basis, of Tennessee-American's pipeline and all other facilities that are constructed to serve Walden's Ridge.

(E) Walden's Ridge will decommission and terminate its existing source of supply and treatment facilities upon completion of the Tennessee-American water supply pipeline extension and connection to the Walden's Ridge system and no later than ninety (90) days following the Date of Service, as defined below. As part of this consideration, and upon completion of the Tennessee-American water supply pipeline and booster station, Walden's Ridge agrees to exclusively lease to Tennessee-American, for a period of forty (40) years from the Date of Service as defined below, the 6" and 8" welded steel water supply lines, along with perpetual easements, from its Mountain Station at the end of Levi Cemetery Road to top of the mountain.

SECTION III
SALE OF WATER

(A) The water from the Tennessee-American pipeline shall be provided to Walden's Ridge at a rate of \$1.25/1000 gallons, except for the pass-through cost as identified in Section III (B) herein, for the first three (3) years, beginning with the date that water service is first taken from these facilities ("Date of Service"). Any proposed change in the rate after this initial period will be accompanied by supporting data and computations, which will be based on industry accepted cost of service methodology. Walden's Ridge has the right to agree to this rate or to propose an alternative rate with the understanding that the TRA will be the ultimate authority in determining the rate.

(B) From the date this Agreement is executed and during the first three (3) years from the Date of Service under this Agreement, in the event that electric costs, which can be directly identified with this project, increase, Walden's Ridge agrees to meet with Tennessee-American to discuss an equitable pass-through of those cost increases if so requested by Tennessee-American.

(C) Walden's Ridge will permit Tennessee-American to use the Walden's Ridge distribution system as a conduit through which Tennessee-American may wheel water to other water utility districts and other customers as agreed to by the parties, which agreement by Walden's Ridge shall not be unreasonably withheld. The parties agree to meet within ninety (90) days after execution of this Agreement to define the territory that will be served by Walden's Ridge. The wheeling charge from Walden's Ridge to Tennessee-American shall be at a rate of \$.39/1000 gallons. This rate is guaranteed for three (3) years from the Date of Service. Any proposed change in the rate after this initial period will be accompanied by supporting data and computations, which will be based on industry accepted

cost of service methodology. Tennessee-American has the right, within ninety (90) days, to agree to this rate or to propose an alternative rate. If the Parties do not agree on the rate change, then the Parties will refer the matter to a neutral mediator. If mediation does not resolve the matter, either of the Parties may take the matter to the TRA, if applicable, or Utility Management Review Board or seek Judicial Review as necessary for resolution. As part of the consideration under this agreement, Tennessee-American shall have the right, at the cost specified above or at a rate that may change from time to time as agreed by the parties, even after termination of the agreement, to transfer water through Walden's Ridge facilities.

(D) Walden's Ridge will not be charged by Tennessee-American for any water supplied through its system that is transferred to other water utility districts and/or customers outside the Walden's Ridge service area. Tennessee-American shall install a meter or meters on the Walden's Ridge distribution system where appropriate in order to measure the volume of water that is transferred. Walden's Ridge will have reasonable access to such meters at all times.

SECTION IV **FLUORIDATION OF WATER SUPPLY**

Tennessee-American will fluoridate the water supply to Walden's Ridge, in accordance with the Tennessee Department of Environment and Conservation Rule 1200-5-1-17 (20), which requires the maintenance of a monthly average concentration of fluoride between 0.9 mg/l and 1.3 mg/l, unless required to do otherwise by applicable law or regulations.

SECTION V **OPERATIONAL REQUIREMENTS**

(A) In order to minimize utilization of the peaking capacity of Tennessee-American, Walden's Ridge will provide, by the Date of Service, adequate storage to provide for its own

maximum hour needs. Walden's Ridge shall maintain a minimum of one-day of water supply storage on its distribution system.

(B) Walden's Ridge agrees to cooperate with Tennessee-American in making improvements as needed to its distribution system in order to efficiently facilitate the wheeling of water through its system to other water utility district customers of Tennessee-American or other customers of Tennessee-American outside the Walden's Ridge service area. Any such improvements, which are deemed necessary by Tennessee-American to adequately wheel water through the Walden's Ridge system for the benefit of Tennessee-American, shall be done at Tennessee American's expense.

(C) Tennessee-American will conduct a one-time comprehensive leak survey along Walden's Ridge transmission mains that are located in Taft Highway between Walden's Ridge twin storage tanks (located at the old Walden's Ridge office) and the end of the line near Grandview subdivision. This leak survey will be at no cost to Walden's Ridge. However, Walden's Ridge will be responsible for uncovering and repairing any identified leaks. The purpose of the survey will be to identify and locate leaks to help Walden's Ridge reduce its unaccounted for water.

SECTION VI **CUSTOMERS AT BOTTOM OF MOUNTAIN**

In the event that Walden's Ridge, at any time in the future, decides to divest itself of the approximately eighty (80) customers, and as that number of customers may change from time to time, at the base of the mountain near the Soddy-Daisy system, Tennessee-American will be granted the right of first refusal to purchase from Walden's Ridge the facilities necessary to serve these customers at a price not to exceed the actual, bona fide offer made to Walden's Ridge for the facilities.

SECTION VII

METERING

Metering of the water sold under this Agreement shall be at the point where Tennessee-American's water supply pipeline is connected to the Walden's Ridge water tank near Taft Highway.

SECTION VIII

BILLING

During its normal billing cycle each month, Tennessee-American will issue an invoice to Walden's Ridge for Walden's Ridge metered usage during the prior month. Payment of such invoice will be made by Walden's Ridge on or before eighteen (18) days after receipt of the invoice. Interest and penalties shall accrue on the unpaid balance at the rate and amounts provided in Tennessee-American's filed tariff for its customers.

SECTION IX

APPROVALS BY TENNESSEE REGULATORY AUTHORITY

It is understood and agreed that this Agreement is conditioned on approval by the TRA. Promptly upon execution of this Agreement, Tennessee-American shall file an application for approval with the TRA and take such action in good faith as may be necessary to obtain the appropriate approval. Service provided hereunder will be pursuant to the rules and regulations of the TRA as may be changed from time to time during the term of this Agreement. Walden's Ridge agrees to provide all reasonable support for such regulatory approval.

SECTION X

TERM OF AGREEMENT

The term of this Agreement shall be for a period of forty (40) years, beginning on the Date of Service. In consideration of the requirement for Walden's Ridge to have a

reliable source of supply at all times, if the Company should desire to terminate this Agreement after the Date of Service and prior to the end of the term, except for breach of this Agreement by Walden's Ridge, the Company will provide Walden's Ridge with three (3) years advance written notice of such desire to terminate.

SECTION XI **FORCE MAJEURE**

Neither Walden's Ridge or Tennessee-American shall be liable for damages to the other for any act, omission, or circumstance occasioned by or in consequence of strikes, lockouts, acts of the public enemy, wars, blockades, insurrections, riots, acts of terrorism, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, civil disturbances, explosions, breakage, or accident to machinery or lines of pipe, and any other cause, whether of the kind herein enumerated or otherwise, not reasonably within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome. Failure to prevent or settle any strike or strikes shall not be considered to be a matter within the control of the party claiming suspension. Such causes or contingencies affecting such performance shall not relieve Walden's Ridge from its obligation to make payment of amounts due hereunder.

SECTION XII **RENEWAL OF AGREEMENT**

This agreement may be renegotiated for additional periods of time beyond the term of this Agreement. Negotiations to extend the term of this Agreement shall commence no later than six (6) months prior to the expiration date of this Agreement.

However, the rates to be charged during any renewal period shall also be subject to prior approval by the Tennessee Regulatory Authority.

SECTION XIII
MISCELLANEOUS PROVISIONS

(A) Assignment

This Agreement shall be binding on the successors and assigns of Tennessee-American. Upon obtaining written approval from Tennessee-American, which will not be unreasonably withheld, this Agreement may be assigned by Walden's Ridge to any successor in the operation of the distribution facilities currently owned by Walden's Ridge.

(B) Notices

Any notice required or permitted to be given by one of the parties to this Agreement shall be given by U.S. mail, personal delivery or by overnight carrier to the other party at the address set forth below:

Tennessee-American Water Company
1101 Broad Street
P. O. Box 6338,
Chattanooga, Tennessee 37377
Attn: President

Walden's Ridge Utility District
3900 Taft Highway
Signal Mountain, Tennessee 37377
Attn: General Manager

Any notice so given shall be deemed given upon its deposit in the U.S. mail, upon personal delivery or upon its delivery to the overnight carrier.

(C) Governing Law

This Agreement shall be governed by the laws of the State of Tennessee.

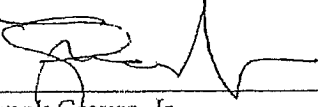
(D) Severability

In the event that any provision hereof is found to be invalid or unenforceable, such invalidity or unenforceability shall not impair or limit the validity or enforceability of any other provision hereof, each of which shall continue in full force and effect, and this Agreement shall be construed as if such invalid or unenforceable provisions were omitted from the Agreement.

(E) Entire Agreement

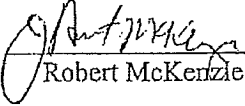
This Agreement constitutes the entire Agreement between Walden's Ridge and Tennessee-American with respect to the subject matter contained in the Agreement, except that Walden's Ridge is subject to the rules, regulations and other applicable conditions and provisions set forth in Tennessee-American's tariff on file with the Tennessee Regulatory and as from time to time amended. This Agreement shall not be amended without the prior written consent of both parties. No modification of this Agreement or waiver of any of its terms and conditions will be effective unless set forth in a written document signed by both parties.

WALDEN'S RIDGE UTILTY DISTRICT

By: 

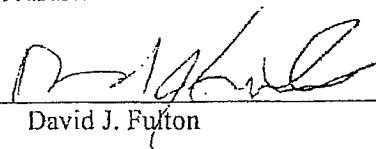
Frank Groves, Jr.

Its: President

By: 

Robert McKenzie

Its: Treasurer

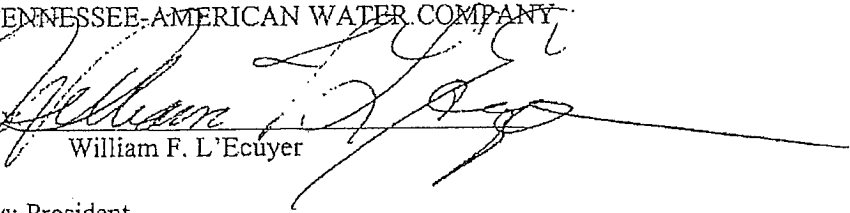
By: 

David J. Fulton

Its: Secretary

District Seal Here

TENNESSEE-AMERICAN WATER COMPANY

By: 

William F. L'Ecuier

Its: President

ACKNOWLEDGEMENT
FOR WALDEN'S RIDGE UTILITY DISTRICT

STATE OF TENNESSEE)
COUNTY OF Hamilton)

The foregoing instrument was acknowledged before me this 14 day of July, 2003, by Frank Groves, Jr., as President of Walden's Ridge Utility District.

My Commission expires: July 11, 2005
Katherine Loneyon
NOTARY PUBLIC, Chattanooga, TN

STATE OF TENNESSEE)
COUNTY OF Hamilton)

The foregoing instrument was acknowledged before me this 14th day of July, 2003, by Robert McKenzie, as Treasurer of Walden's Ridge Utility District.

My Commission expires: March 11, 2006
Nancy A. Boy
NOTARY PUBLIC, Chattanooga, TN

STATE OF TENNESSEE)
COUNTY OF Hamilton)

The foregoing instrument was acknowledged before me this 14th day of July, 2003, by David J. Fulton, as Secretary of Walden's Ridge Utility District.

My Commission expires: March 11, 2006
Nancy A. Boy
NOTARY PUBLIC, Chattanooga, TN

ACKNOWLEDGEMENT
FOR TENNESSEE-AMERICAN WATER COMPANY

STATE OF TENNESSEE)
)
COUNTY OF Hamilton)

The foregoing instrument was acknowledged before me this 14th day of July
 , 2003, by William F. L'Ecuier, as President, of Tennessee-American Water Company.

My Commission expires: April 7, 2004

Virginia B. Seely
NOTARY PUBLIC, Chattanooga, TN

**RESOLUTION
of the
COMMISSIONERS
for the
WALDEN'S RIDGE UTILITY DISTRICT**

A resolution ratifying Tennessee – American Water Company and
Walden's Ridge Utility District Contract for the Water Source Agreement

WHEREAS, Walden's Ridge Utility District deemed it necessary to seek a new source for water;

WHEREAS, WRUD considered all options available including drilling additional wells and plant expansion and purchase proposal from Soddy Daisy-Falling Water Utility, Hixson Utility District and Tennessee-American Water Company;

WHEREAS, after many years of researching all options available and an engineering cost analysis study, it has been decided to enter a purchase agreement with Tennessee-American Water Company;

WHEREAS, with increased demand, our Board was faced with a large expenditure to modernize and expand our production facilities to meet new and more stringent governmental regulations. After much study, we found it more economical to purchase water from Tennessee-American Water Company.

NOW THEREFORE, BE IT RESOLVED BY THE COMMISSIONERS OF THE WALDEN'S RIDGE UTILITY DISTRICT:

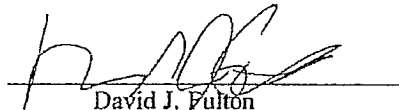
That contingent upon Tennessee-American Water Company signing the Water Purchase Agreement, this resolution shall take effect upon its passage, the public welfare requiring it and passage occurred this 22nd day of July 2003.



Frank Groves, Jr.
President



Robert McKenzie
Treasurer



David J. Fulton
Secretary



THE GREAT SEAL OF THE STATE OF TENNESSEE

10/15/09 10:10 AM 41 JEFFREY A. WATSON
10/15/09 10:10 AM 41 JEFFREY A. WATSON
10/15/09 10:10 AM 41 JEFFREY A. WATSON
10/15/09 10:10 AM 41 JEFFREY A. WATSON

October 15, 2009

Ms. Honna Rogers
Town Manager
Town of Signal Mountain
1100 Ridgeway Avenue
Signal Mountain, TN 37377

Dear Ms. Rogers:

Prior to submittal of the attached water purchase agreement with the Town of Signal Mountain to the Tennessee Regulatory Authority, we noticed that the second paragraph of the agreement had not been changed to reflect the new term of eighteen (18) months. The correction was made under Section 1 of the agreement but was overlooked under the "Whereas" paragraph. The correction has been made on the attached extension.

If the corrected agreement meets with your approval, please sign on behalf of the Town of Signal Mountain and return to my attention so that we may submit it for approval by the Tennessee Regulatory Authority. We apologize for having to ask you to sign the agreement again, but felt it was the right thing to do to accurately reflect the intentions for all involved regarding the term of the contract extension.

Thank you for allowing Tennessee American the opportunity to continue providing water service to the residents of Signal Mountain.

Sincerely,

A handwritten signature in black ink, appearing to read "John S. Watson".

John S. Watson
President

JSW/s
Enclosures

EXTENSION OF WATER PURCHASE AGREEMENT

THIS EXTENSION OF WATER PURCHASE AGREEMENT, made effective as of July 1, 2009, by and between Tennessee American Water ("Tennessee American"), located at 1101 Broad Street, Chattanooga, Tennessee, and Town of Signal Mountain ("Signal Mountain"), whose address is 1111 Ridgeway Avenue, Signal Mountain, Tennessee,

WHEREAS, the parties hereto have agreed to extend the term of their Water Purchase Agreement dated July 1, 1997 ("Original Agreement") as amended and extended by agreement dated as being effective July 1, 2000 ("First Extension Agreement"), agreement dated as being effective July 1, 2003 ("Second Extension Agreement"), and agreement dated as being effective July 1, 2006 ("Third Extension Agreement"), copies of which are attached hereto and incorporated herein by reference, for an additional term of eighteen (18) months as provided herein,

NOW THEREFORE, in consideration of the mutual covenants and promises herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Except as specifically provided herein, all of the terms, conditions, privileges and obligations in the Original Agreement, as amended and extended by the First, Second and Third Extension Agreements are hereby extended for a term of eighteen (18) months (or eighteen (18) monthly billing periods), beginning July 1, 2009 and ending December 31, 2010.
2. Effective July 1, 2009 and continuing through the end of the term hereof, Section 1 of the Original Agreement, as amended and extended by the First, Second, and Third Extension Agreements, is hereby amended to state that Signal Mountain will purchase water at the rate of exactly \$0.8977 per hundred cubic feet as was determined by order of the Tennessee Regulatory Authority (TRA) in TRA Docket 2008-00039 dated January 13, 2009. Ultimately, the TRA will have final authority regarding the rates charged under this agreement.
3. This Extension of Water Purchase Agreement is subject to the approval by the Board of Tennessee American Water and the Tennessee Regulatory Authority ("TRA"). Signal Mountain agrees to take such action reasonably necessary to support Tennessee American's application for approval from the TRA.

IN WITNESS WHEREOF, the parties have set forth their hands.

TOWN OF SIGNAL MOUNTAIN

By Hanna Rogers

Title: Town Manager

Date: 10-16-09

TENNESSEE AMERICAN WATER

By [Signature]

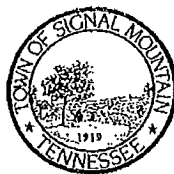
Title: PRESIDENT

Date: OCTOBER 19, 2009

WILLIAM O. LEONARD, III
Mayor

PHILLIP A. NOBLETT
Town Attorney

DIANA CAMPBELL
Town Manager



STEPHEN RUFFIN
Vice Mayor

ROBERT E. WHITE, II
Councilmember

LIZETTA PATURALSKI
Councilmember

ROBERT V. LINEHART, JR.
Councilmember

Town of Signal Mountain

1111 RIDGEWAY AVENUE
SIGNAL MOUNTAIN, TENNESSEE 37377
423-886-2177

April 19, 2006

Mr. John S. Watson
Vice-President and General Network Manager
Tennessee American Water
1101 Broad Street
P.O.Box 6338
Chattanooga, TN 37401

Dear Mr. Watson:

Enclosed please find the signed "Extension of Water Purchase Agreement" effective as of July 1, 2006 by and between Tennessee American Water and The Town of Signal Mountain.

Yours truly,

THE TOWN OF SIGNAL MOUNTAIN

Diana Campbell
Town Manager

DC/sm

Enclosure



John S. Watson
Vice-President &
General Network Manager

March 14, 2006

Mr. William O. Leonard III, Mayor
Town of Signal Mountain
1100 Ridgeway Avenue
Signal Mountain, TN 37377

Dear Mayor Leonard:

Enclosed for your review is a proposed agreement in which we are requesting a third extension to the water purchase agreement dated July 1, 1997 between the Town of Signal Mountain and Tennessee-American Water. The extension agreement will be effective July 1, 2006 and will extend for an additional three years the same terms and conditions as the original contract, and the proposed rate will increase to \$1.061 per 1000 gallons, or \$.796 per CCF.

If the agreement meets with your approval, please sign on behalf of the Town of Signal Mountain and return to my attention so that I may submit it for approval by the Tennessee Regulatory Authority. We appreciate the opportunity to continue to work with you in providing water service to the residents of Signal Mountain.

Sincerely,

A handwritten signature in black ink, appearing to read "John S. Watson", written over a horizontal line.

John S. Watson
Vice-President and
General Network Manager

JSW/s
Enc.

American Water
1101 Broad Street
Post Office Box 6338
Chattanooga, TN 37401
USA
T +1 423 755 9307
F +1 423 755 7634
I www.tawc.com

EXTENSION OF WATER PURCHASE AGREEMENT

THIS EXTENSION OF WATER PURCHASE AGREEMENT, made effective as of July 1, 2006, by and between Tennessee American Water ("Tennessee American"), located at 1101 Broad Street, Chattanooga, Tennessee, and Town of Signal Mountain ("Signal Mountain"), whose address is 1111 Ridgeway Avenue, Signal Mountain, Tennessee,

WHEREAS, the parties hereto have agreed to extend the term of their Water Purchase Agreement dated July 1, 1997 ("Original Agreement") as amended and extended by agreement dated as being effective July 1, 2000 ("First Extension Agreement"), and agreement dated as being effective July 1, 2003 ("Second Extension Agreement"), copies of which are attached hereto and incorporated herein by reference, for an additional term of three years as provided herein,

NOW THEREFORE, in consideration of the mutual covenants and promises herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Except as specifically provided herein, all of the terms, conditions, privileges and obligations in the Original Agreement, as amended and extended by the First and Second Extension Agreements are hereby extended for a term of three (3) years (or thirty-six (36) monthly billing periods), beginning July 1, 2006 and ending July 1, 2009.
2. Effective July 1, 2006 and continuing through the end of the term hereof, Section 1 of the Original Agreement, as amended and extended by the First and Second Extension Agreements, is hereby amended to state that Signal Mountain will purchase water at the rate of exactly \$0.796 per hundred cubic feet (CCF), which is approximately \$1.061 per 1,000 gallons.
3. This Extension of Water Purchase Agreement is subject to the approval by the Board of Tennessee American Water and the Tennessee Regulatory Authority ("TRA"). Signal Mountain agrees to take such action reasonably necessary to support Tennessee American's application for approval from the TRA.

IN WITNESS WHEREOF, the parties have set forth their hands.

TOWN OF SIGNAL MOUNTAIN

By Mona Campbell

Title: Town Manager

Date: 4-10-2006

TENNESSEE AMERICAN WATER

By [Signature]

Title: VICE PRESIDENT & General Network Manager

Date: APRIL 4, 2006

EXTENSION OF WATER PURCHASE AGREEMENT

THIS EXTENSION OF WATER PURCHASE AGREEMENT, made effective as of July 1, 2003, by and between Tennessee-American Water Company (Tennessee-American"), located at 1101 Broad Street, Chattanooga, Tennessee, and Town of Signal Mountain ("Signal Mountain"), whose address is 1101 Ridgeway Avenue, Signal Mountain, Tennessee.

WHEREAS, the parties hereto have agreed to extend the term of their Water Purchase Agreement dated July 1, 1997 ("Original Agreement"), as amended and extended by agreement dated as being effective July 1, 2000 ("First Extension Agreement"), copies of both are attached hereto and incorporated herein by reference, for an additional term of three years as provided herein,

NOW, THEREFORE, in consideration of the mutual covenants and promises herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

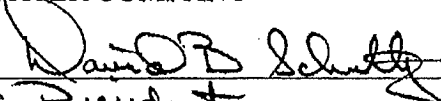
1. Except as specifically provided herein, all of the terms, conditions, privileges and obligations in the Original Agreement, as amended and extended by the First Extension Agreement, are hereby extended for a term of three (3) years (or thirty-six (36) monthly billing periods), beginning July 1, 2003 and ending July 1, 2006.
2. Effective August 7, 2003, and continuing through the end of the term hereof, Section 1 of the Original Agreement, as amended and extended by the First Extension Agreement, is hereby amended to state that Signal Mountain will purchase water at the rate of \$1.02 per 1,000 gallons.
3. This Extension of Water Purchase Agreement is subject to the approval by the Board of the Tennessee-American Water Company and the Tennessee Regulatory Authority ("TRA"). Signal Mountain agrees to take such action reasonably necessary to support Tennessee-American's application for approval from the TRA.

IN WITNESS WHEREOF, the parties have set forth their hands.

TOWN OF SIGNAL MOUNTAIN

By: 
Title: (Mayor)
Date: 1-29-04

TENNESSEE-AMERICAN
WATER COMPANY

By: 
Title: President
Date: 2/20/04

EXTENSION OF WATER
PURCHASE AGREEMENT

THIS EXTENSION OF WATER PURCHASE AGREEMENT, made effective as of
July 1, 2000, by and between:

Tennessee-American Water Company ("Tennessee-
American"), located at 1101
Broad Street, Post Office Box 6338, Chattanooga, Tennessee

And

Town of Signal Mountain ("Signal Mountain"), located at
1101 Ridgeway Avenue, Signal Mountain, Tennessee

WHEREAS, Signal Mountain and Tennessee-American have mutually agreed to
extend the term of their Water Purchase Agreement dated July 1, 1997 ("Original
Agreement") for an additional period of time under the same terms and conditions,
except as herein specified.

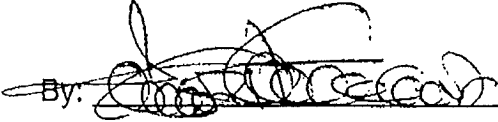
NOW THEREFORE, in consideration of the mutual covenants and promises
herein and other good and valuable consideration, the receipt and sufficiency of which
is hereby acknowledged, the parties hereto agree as follows:

1. All of the terms, conditions, privileges and obligations in the Original Agreement, except as specifically otherwise stated herein, are hereby extended for a term of three (3) years (or thirty-six [36] monthly billing periods) beginning September 1, 2000.
2. A copy of the Original Agreement is attached hereto and incorporated herein by reference.
3. Section X (2) of the Original Agreement is amended to provide that any notice to Tennessee-American be sent to the attention of the President of Tennessee-American.

4. This Extension of Water Purchase Agreement is subject to the approval by the Board of Directors of Tennessee-American and by the Tennessee Regulatory Authority ("TRA"). Signal Mountain agrees to take such action reasonably necessary to support Tennessee-American's application for approval from the TRA.

IN WITNESS WHEREOF, the parties have set forth their hands.

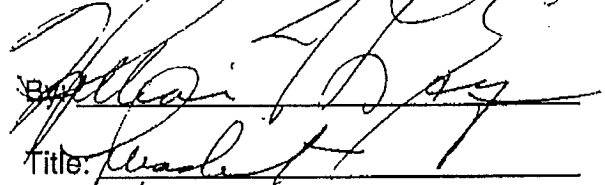
TOWN OF SIGNAL MOUNTAIN

By: 

Title: _____

Date: _____

TENNESSEE-AMERICAN WATER CO.

By: 

Title: _____

Date: August 19, 2000

WATER PURCHASE AGREEMENT

THIS AGREEMENT, made this 1st day of July, 1997 by and between

Tennessee-American Water Company ("Tennessee-American"), located at 1101 Broad Street, Post Office Box 6338, Chattanooga, Tennessee

and

Town of Signal Mountain ("Signal Mountain"), located at 1100 Ridgeway Avenue, Signal Mountain, Tennessee

WHEREAS, Tennessee-American, a Tennessee corporation, is a public utility which owns and operates a water utility system in and around the City of Chattanooga, Tennessee including the contiguous Tennessee cities of Red Bank, East Ridge, Ridgeside, and Lookout Mountain, plus the cities of Rossville and Lookout Mountain, Georgia and areas in the Georgia counties of Dade, Walker and Catoosa; and

WHEREAS, Signal Mountain wishes to purchase all or substantially all of its water supply from Tennessee-American; and

WHEREAS, Tennessee-American currently supplies water to Signal Mountain and has the capability and facilities in place to provide all or substantially all of the water supply currently required by Signal Mountain; and

WHEREAS, Signal Mountain and Tennessee-American are desirous of establishing an Agreement for the purchase of water for a fixed period of time; and,

WHEREAS, the parties have reached an Agreement for the sale and purchase of water which they now desire to record in writing;

NOW, THEREFORE, in consideration of the mutual covenants contained herein and other

good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

SECTION I
SALE OF WATER

Signal Mountain agrees to purchase a minimum of 273,750,000 gallons per year at \$.95 per 1,000 gallons.

On or before the tenth day after the end of each twelve months of this Agreement, Tennessee-American will review the usage of Signal Mountain during the prior twelve month period year. If Signal Mountain's usage during the prior twelve month period was 273,750,000 gallons or more, no additional charge will be made. Should Signal Mountain's usage be less than 273,750,000 gallons, that month's invoice will include a charge for the difference between the actual usage and 273,750,000 gallons priced at \$.95 per 1,000 gallons.

SECTION II
FLUORIDATION OF WATER SUPPLY

The Company will fluoridate the water supplied to the Town of Signal Mountain, in accordance with the Tennessee Department of Environment and Conservation Rule 1200-5-1-.17 (20), which requires the maintenance of a monthly average concentration of fluoride between 0.9 mg/l and 1.3 mg/l, unless required to do otherwise by applicable state law or regulations.

SECTION III
OPERATIONAL REQUIREMENTS

In order to minimize utilization of the peaking capacity of Tennessee-American, Signal Mountain will provide adequate storage to provide for its own maximum hour needs. Signal Mountain shall maintain a minimum of one day of water supply storage on their distribution system.

Tennessee-American will supply up to 2,500 gallons per minute to the existing metering location as described in Section IV hereof, at a pressure sufficient to fill the existing Signal Mountain Receiving tanks at the base of Signal Mountain. If Signal Mountain requests flow rates in excess of 2,500 g.p.m. at any time during the term of this Agreement, it will be required either to pay for the additional system improvements that are needed to meet such additional flow or to contract for water at a higher rate per 1,000 gallons of water to be determined by the Company.

SECTION IV **METERING**

Metering of the water sold under this Agreement shall be at the existing meter setting located at the Town of Signal Mountain's existing storage tanks at the base of Signal Mountain, just off of Signal Mountain Road and Suck Creek Road.

SECTION V **BILLING**

On or before the tenth day of each month, Tennessee-American will issue an invoice to Signal Mountain for Signal Mountain's metered usage during the prior month. Payment of such invoice will be made by Signal Mountain on or before eighteen days after receipt of the invoice.

SECTION VI **APPROVALS BY TENNESSEE REGULATORY AUTHORITY**

It is understood and agreed that this Agreement is conditioned on approval by the Tennessee Regulatory Authority ("TRA"). Promptly upon execution of this Agreement, Tennessee-American shall file an application for approval with the TRA and take such action in good faith as may be necessary to obtain the appropriate approval.

SECTION VII
TERM OF AGREEMENT

The term of this Agreement shall be for a period of three (3) years or thirty-six (36) monthly billing periods. The three (3) year period shall commence with the effective date of the purchase of water under this Agreement. The effective date of the commencement of sales under the terms of this Agreement shall be the beginning of the next regular monthly billing period following approval of this Agreement by the TRA.

SECTION VIII
FORCE MAJEURE

Neither Signal Mountain or Tennessee-American shall be liable for damages to the other for any act, omission, or circumstance occasioned by or in consequence of any strikes, lockouts, acts of the public enemy, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, civil disturbances, explosions, breakage, or accident to machinery or lines of pipe, and any other cause, whether of the kind herein enumerated or otherwise, not reasonably within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome. Failure to prevent or settle any strike or strikes shall not be considered to be a matter within the control of the party claiming suspension. Such causes or contingencies affecting such performance shall not relieve Signal Mountain from its obligations to make payment of amounts due hereunder. During the period of force majeure, the minimum annual charge shall be reduced by a ratio equal to the number of days of interruption divided by 365 days. If, during the period of force majeure some water can be delivered, then the ratio shall be multiplied by the percentage reduction in usage.

SECTION IX
RENEWAL OF AGREEMENT

This Agreement may be renegotiated for additional periods of time beyond the term of this Agreement. Negotiations to extend the term of this Agreement shall commence no later than six (6) months prior to the expiration date of this Agreement. However, the rates to be charged during any renewal period shall also be subject to prior approval by TRA.

SECTION X
MISCELLANEOUS PROVISIONS

(1) **Assignment**

Upon obtaining written approval from Tennessee-American which will not be unreasonably withheld, this Agreement may be assigned by Signal Mountain to any successor in the operation of the facilities currently owned by Signal Mountain.

(2) **Notices**

Any notice required or permitted to be given by one of the parties to this Agreement shall be given by U.S. mail, personal delivery or by overnight carrier to the other party at the address set forth below:

Town of Signal Mountain
1100 Ridgeway Avenue
Signal Mountain, TN 37377
Attn: Town Manager

Tennessee-American Water Company
1101 Broad Street
P. O. Box 6338
Chattanooga, Tennessee 37401
Attn: Vice-President and Manager

Any notice so given shall be deemed given upon its deposit in the U.S. mail, upon personal delivery or upon its delivery to the overnight carrier.

(3) **Governing Law**

This Agreement shall be governed by the laws of the State of Tennessee.

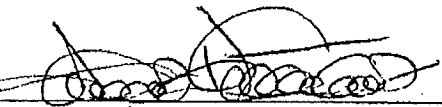
(4) **Enforceability**

In the event that any provision hereof is found to be invalid or unenforceable, such invalidity or unenforceability shall not impair or limit the validity or enforceability of any other provision hereof, each of which shall continue in full force and effect, and this Agreement shall be construed as if such invalid or unenforceable provisions were omitted from this Agreement.

(5) **Entire Agreement**

This Agreement constitutes the entire Agreement between Signal Mountain and Tennessee-American with respect to the subject matter contained in the Agreement, except that Signal Mountain is subject to the rules, regulations and other applicable conditions and provisions set forth in Tennessee-American's tariff on file with the TRA and as from time to time amended. This Agreement shall not be amended without the prior written consent of both parties. No modification of this Agreement or waiver of any of its terms and conditions will be effective unless set forth in a written document signed by both parties.

TOWN OF SIGNAL MOUNTAIN

By: 
James H. Althaus

Its: Mayor

TENNESSEE-AMERICAN WATER COMPANY

By: 
Richard T. Sullivan

Its: Vice-President and Manager

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller/Sheila Miller**

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

18. Provide a detailed reconciliation with written narrative explaining the budgeted revenue forecast difference of \$38,206,000 in Operating Revenues per TRA-01-Q018-ATTACHMENT, page 5 of 8 with the \$37,296,455 per the Company petition, Exhibit No. 2, Schedule 2, page 1 of 1, Line 39. Include in your reconciliation an explanation of which amount reflects the correct forecasted amounts and why.

Response:

The Company prepared its case using a test-year ended March 31, 2010, adjusted for test-year normalizations, including Dr. Spitznagel's weather normalization adjustments, and adjusted for customer growth and other factors expected to occur in the attrition year all in compliance with the TRA rules in preparing and filing rate cases. The Company's attrition year going-level revenues with adjustments are reflected in the above mentioned Schedule 2, and supported by the working papers provided in response to TRA DR 1 Question 13, TN-TRA-01-Q013-Revenues pages 1-55.

The 2010 budget referenced in the question was prepared in 2009 using 2008 as the latest actual base period on which to project 2010 revenues. The 2011 budget information was preliminary and based on the 2007-2009 historical information, and has not been approved by the Company's Board. The 2011 preliminary plan did not have the benefit of the in-depth updated weather normalization prepared by Dr. Spitznagel or the full normalization adjustments for each revenue class that was prepared in the Company's rate case filing. The final 2011 Plan revenues will be adjusted to reflect all normalization

adjustments included in the rate case and the weather normalization adjustments per Dr. Spitznagel's WNA study. The rate case was prepared using an entirely different base period, the twelve months ended March 31, 2010 with the additional benefits of having weather normalization factors prepared by a highly qualified expert, Dr. Spitznagel and a more in-depth analysis of proper normalization adjustments than was utilized in the preliminary budget process.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

19. Provide a forecast of billing determinants for each utility, i.e., Ft. Oglethorpe, etc., purchasing water for resale from the Company for the attrition period ending December 2011. Include all work papers and documentation supporting the forecast.

Response:

The Company utilized the historical test year ending March 31, 2010 billing determinants for the forecasted test year and annualized for any rate increases during that time period. The billing determinants by utility is included on the excel file provided in response to TN-TRA-01-Q13 and labeled as Tennessee-American BA.xls, tab "billing determinants" beginning on line 370.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

**PART III: QUESTIONS & REQUESTS REGARDING REVENUES, EXPENSES,
TAXES, RATE BASE & MISCELLANEOUS**

Question:

20. Provide the billing determinates by customer class, by location for all WNA adjustments amounting to \$3.293 million. (Mr. Mike Miller, Direct Testimony, Page 51, Lines 10-11 and Exhibit MAM-2, Page 1 of 1). Include in your response a reconciliation of the \$3.293 million to the \$506,902 normalizing amount as shown on Exhibit No. 2, Schedule 1, Page 1 of 1, Line 1 in. (Ms. Sheila Miller, Direct Testimony, Page 6, Lines 12-23).

Response:

Mr. Miller's testimony did not indicate that the \$3.293 million was the result of a WNA adjustment or that was the only driver. Rather, Mr. Miller's testimony provides that the revenues for the attrition year in this case were \$3.293 million lower than the revenues on which the TRA established the Company's rates in docket number 08-00039 and that was one of the major drivers for the need to increase the Company's rates in this case. In order to provide the billing determinants necessary to support the reconciliation requested by the CAPD, the Company would have to know the billing determinates utilized by the TRA in establishing the Company authorized revenues in case number 08-00039. The TRA did not provide with its order the billing determinants on which it based its determination of residential revenue in the TAWC 2008 rate case. The \$506,902 referenced in this question is an apples to oranges comparison to the \$3.293 million reduction in present rates in this case when compared to the revenues authorized by the TRA in the TAWC 2008 rate case. The (\$506,902) of normalization adjustments referenced in this question is only one of the adjustments the Company made to its historical year billing determinants. The (\$506,902) adjustment is embedded in the

\$3.293 million of reduced revenues described by Mr. Miller as shown in the reconciliation below.

Historical Test-Year revenues at March 31, 2010, Per Exhibit 2, Schedule 1, page 1 of 1 of the Company's Accounting Exhibit in the case	\$37,570,848

Less:

Attrition Year revenues per the TRA Order in Docket Number 08-00039 at page 10	(\$38,934,309)
Increased revenues granted per the TRA Order in Docket Number 08-0039 at page 51	<u>(\$1,655,541)</u>

Subtotal-Revenue Authorized in Docket #08-00039	<u>(\$40,589,850)</u>

Lower Sales in Historical Test-Year Current Case	<u>(\$3,019,002)</u>

Attrition Year Growth Current Case, see Exhibit 2, Schedule 1 of Accounting Exhibit	<u>\$232,509</u>

Attrition Year Growth Current Case, see Exhibit 2, Schedule 1 of Accounting Exhibit (per Ms. Miller's testimony)	<u>(\$506,902)</u>

Total Difference in present rate revenues for the Attrition Year Revenues in this case to authorized Revenue in Docket # 08-00089 (per Mr. Miller's testimony)	<u>(\$3,293,395)</u>

The historical test year sales at March 31, 2010 plus the adjustment for attrition year growth and attrition year normalization adjustment equal \$37,296,455 of attrition year revenues at present rates shown on Exhibit 2, Schedule 1 of the Company's Accounting Exhibit for this case. The Company's billing determinates for the attrition year as provided in the Exhibit 4, Schedule 1 fully support the attrition year revenues at present rates in this case.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **John Watson/Sheila Miller**

PART III: EXPENSES

Question:

21. Provide the hourly pay rate by TAWC employee (union, non-union, and salary) as of September 30, 2010 as well as a payroll distribution by NARUC amount for the 12 months ended September 2010.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q21-CONFIDENTIAL ATTACHMENT. This Confidential Document is being submitted pursuant to the Protective Order entered in this matter. See below for the payroll distribution by NARUC for the 12 months ending September 30, 2010.

Category	Account Description	NARUC Account	Total
Capital	CWIP Co Labor	105	\$687,114
Capital	Eng Clearing Dist OH	184	\$138,450
Capital	Eng Clearing Eng OH	184	\$73,647
Capital	RWIP Co Labor	186.2	\$57,289
O&M-line 8	Labor-SS	601.1	\$1,375,338
O&M-line 8	Labor- SS maintenance	601.2	\$757
O&M-line 8	Labor -T&D	601.5	\$679,909
O&M-line 8	Labor-T&D maintence	601.6	\$1,045,354
O&M-line 8	Labor-Customer acct	601.7	\$421,123
O&M-line 8	Labor-A&G	601.6	\$1,703,788
O&M-line 21	Materials & Supplies	620.8	\$17
Capital	M&J Expense - Outside	416	\$26,787
Grand Total			\$6,209,573

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **John Watson**

PART III: EXPENSES

Question:

22. Provide the hiring date and termination date by employee from April 2008 through September 2010. Include in your response the amount of any employment separation payments and the account charged for terminated employees.

Response:

Terminations

Retired – 9/1/08 – Steven Collins

Retired – 11/1/08 – Terry Cordell

Retired - 11/1/08 – Shirley Tucker

Retired – 1/1/09 – James Springs

Retired – 8/1/09 – Vicky Griffith

Retired – 8/1/09 – James T. Hughes, Jr

Retired – 1/1/1- - Michael Moses

Retired – 3/1/10 – Edward Weathers

Retired – 3/1/10 – Worn Hicks

Resigned – 5/1/10 – Eddie Martin

Retired – 7/1/10 – Larry Matthews

Retired – 8/1/10 – David Coates

New Hires

6/9/08 – Eric Sowell – Laborer/Relief Process Technician

9/8/08 – Jimmy Reece – Engineering Clerk

12/7/09 – Kevin Rogers – Manager Finance

4/26/10 – Matthew McCrary – Laborer/Process Technician Apprentice

5/3/10 – REHIRE – Chase Layne – Field Service Representative

8/2/10 – Bridget S. Buchanan – Executive Secretary

8/30/10 – Kino Becton – Specialist Government Affairs

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **John Watson**

PART III: EXPENSES

Question:

23. Provide the number of employees (union, non-union, and salary) by month from April 2008 through September 2010. Include in your answer the name, position, business contact information for each employee, and identify each employee as either full-time or part-time for the 12 months ended September 2010 by month.

Response:

All employees are full time. See attached document labeled as TN-CAPD-01-PART III-Q23-CONFIDENTIAL ATTACHMENT. This Confidential Document is being submitted pursuant to the Protective Order entered in this matter.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

24. Provide the payroll capitalization rate for the 12 months ended September 2010 by month.

Response:

Period	Capitalized Labor
Oct-09	16.33%
Nov-09	17.35%
Dec-09	14.89%
Jan-10	13.29%
Feb-10	14.87%
Mar-10	13.61%
Apr-10	16.98%
May-10	16.62%
Jun-10	14.59%
Jul-10	16.74%
Aug-10	20.93%
Sep-10	19.01%
Average	16.27%

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

25. Provide the shift differential pay for the 12 months ended September 2010 by employee.

Response:

 Please see the attached document labeled as TN-CAPD-01-PART III-Q25-
ATTACHMENT for shift differential pay.

Tennessee American Water Company
TN-CAPD 01-Q25
Shift Differential

Employee #	Job Title	Shift Code	Shift Description	Shift Differential	Total Hours	Total Shift Differential Pay
26000120	Process Technician	2	Second Shift	\$0.36	1,697.00	\$611
		3	Third Shift	\$0.41	424.00	\$174
26000120 Total					2,121.00	\$785
26000151	Process Technician	2	Second Shift	\$0.36	1,369.00	\$493
		3	Third Shift	\$0.41	440.00	\$180
26000151 Total					1,809.00	\$673
26000162	Process Technician	2	Second Shift	\$0.36	792.75	\$285
		3	Third Shift	\$0.41	945.00	\$387
26000162 Total					1,737.75	\$673
26000169	Process Technician	2	Second Shift	\$0.36	816.00	\$294
		3	Third Shift	\$0.41	554.50	\$227
26000169 Total					1,370.50	\$521
50341466	Process Technician	2	Second Shift	\$0.36	377.00	\$136
		3	Third Shift	\$0.41	216.00	\$89
50341466 Total					593.00	\$224
50412382	Process Technician	2	Second Shift	\$0.36	40.00	\$14
		3	Third Shift	\$0.41	186.25	\$76
50412382 Total					226.25	\$91
50526892	Laborer/Process Tech Apprentice	2	Second Shift	\$0.36	240.00	\$86
		3	Third Shift	\$0.41	8.00	\$3
50526892 Total					248.00	\$90
Grand Total					8,105.50	\$3,057

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

26. Provide the total salaries and wages, exclusive of AIP compensation, by employee for the twelve month ended September 2010 in the format of TN-TRA-01-Q013-LABOR, pages 1 and 2 of 61. Include in your response the total salaries and wages by employee, total overtime hours by employee, and total capitalized salaries and wages for the twelve months ended September 2010.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q26-CONFIDENTIAL ATTACHMENT. This Confidential Document is being submitted pursuant to the Protective Order entered in this matter.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

27. Provide a mapping of all amounts Per Books 12 Months ended 9/30/2010 to the September 30, 2010 TRA 3.06 Surveillance Report, 12 months to date, lines 6 through 11 by line by NARUC account.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q27-ATTACHMENT.

Sub	Sub	Description	NARUC	Line	Object	Sub	Total Year	12 mo ending		Description	11-21	12-13-22-23	14	15	16-26
								9/30/2010	GL Balance						
12		Salaries-Emp Oper SS	B6011	P08	501200	12	1,317,253					1,317,253			
14		Salaries-Emp Oper TD	B6015	P08	501200	14	140,790					140,790			
1405		Salaries-Emp Oper TD	B6015	P08	501200	1405	133,997					133,997			
1420		Salaries-Emp Oper TD	B6015	P08	501200	1420	327,802					327,802			
15		Salaries-Emp CA	B6017	P08	501200	15	11						11		
1510		Salaries-Emp CA	B6017	P08	501200	1510	420,156						420,156		
16		Salaries-Emp AG	B6018	P08	501200	16	1,472,787								1,472,787
1602		Salaries-Emp AG	B6018	P08	501200	1602	566								566
21		Salaries-Emp Maint SS	B6012	P08	501200	21	757		757						
2405		Salaries-Emp Maint TD	B6016	P08	501200	2405	70,160						70,160		
2420		Salaries-Emp Maint TD	B6016	P08	501200	2420	571,886						571,886		
2430		Salaries-Emp Maint TD	B6016	P08	501200	2430	171,403						171,403		
2435		Salaries-Emp Maint TD	B6016	P08	501200	2435	115,491						115,491		
2440		Salaries-Emp Maint TD	B6016	P08	501200	2440	116,414						116,414		
12		Salaries-Emp Oper SS	B6011	P08	501210	12	32,308				32,308				
14		Salaries-Emp Oper TD	B6015	P08	501210	14	141					141			
1420		Salaries-Emp Oper TD	B6015	P08	501210	1420	1,440					1,440			
1510		Salaries-Emp CA	B6017	P08	501210	1510	956							956	
16		Salaries-Emp AG	B6018	P08	501210	16	29,360								29,360
2420		Salaries-Emp Maint TD	B6016	P08	501210	2420	70,732						70,732		
2430		Salaries-Emp Maint TD	B6016	P08	501210	2430	2,955						2,955		
2435		Salaries-Emp Maint TD	B6016	P08	501210	2435	1,475						1,475		
2440		Salaries-Emp Maint TD	B6016	P08	501210	2440	577						577		
12		Salaries-Emp Oper SS	B6011	P08	501711	12	25,777				25,777				186,973
16		Salaries-Emp AG	B6018	P08	501716	16	6,351								6,351
16		Salaries-Emp AG	B6018	P08	501718	16	7,751								7,751
								5,226,269	O&M labor						
11		Purchased Water Oper SS	B6101	P09	510100	11	46,999			46,999					
12		Purch Power Oper SS	B6151	P10	515100	12	2,445,461								
14		Purch Power Oper TD	B6155	P10	515100	14	3,176				2,445,461				
11		Purch Fuel Oper SS	B6161	P10	515200	11	1,067					3,176			
										1,067					
13		Chemicals Oper WT	B6183	P11	518000	13	999,068				999,068				
AWSI		Chemicals Oper WT	B6183	P11	518001	AWSI	(11,701)				-11,701				
13		Misc Exp Oper WT	B6753	P12	511100	13	169,774				169,774				
16		Cont Serv Other AG	B6358	P13	534600	16	20,410								20,410
16		Cont Serv Other AG	B6358	P13	534601	16	184,911								184,911
16		Cont Serv Other AG	B6358	P13	534602	16	585,021								585,021
16		Cont Serv Other AG	B6358	P13	534603	16	216,929								216,929
16		Cont Serv Other AG	B6358	P13	534604	16	132,791								132,791
16		Cont Serv Other AG	B6358	P13	534605	16	232,137								232,137
16		Cont Serv Other AG	B6358	P13	534606	16	289,804								289,804
16		Cont Serv Other AG	B6358	P13	534607	16	91,341								91,341
16		Cont Serv Other AG	B6358	P13	534608	16	(90)								-90
16		Cont Serv Other AG	B6358	P13	534609	16	48,369								48,369
16		Cont Serv Other AG	B6358	P13	534610	16	16,799								16,799
16		Cont Serv Other AG	B6358	P13	534611	16	14,998								14,998
16		Cont Serv Other AG	B6358	P13	534615	16	475,852								475,852
16		Cont Serv Other AG	B6358	P13	534625	16	1,062,606								1,062,606

Tennessee American Water Company
TN-CAPD-01-PART III-Q27

Sub	Description	NARUC	Line	Object	Sub	Total Year	12 mo ending 9/30/2010 GL Balance	Description	11-21 SS	12-13-22-23 P&WT	14 T&D Oper	15 CA	16-26 AG
16	Cont Serv Other AG	B6358	P13	534635	16	1,116,246							1,116,246
16	Cont Serv Other AG	B6358	P13	534645	16	53,921							53,921
16	Cont Serv Other AG	B6358	P13	534655	16	115,283							115,283
16	Cont Serv Other AG	B6358	P13	534701	16	31,950							31,950
16	Cont Serv Other AG	B6358	P13	534701	16	401,522	5,090,800	Management Fees					401,522
1	Empl Pens & Ben AG	B6048	P14	504100	1	(168,364)							-168,364
16	Empl Pens & Ben AG	B6048	P14	504100	16	1,116,828							1,116,828
1	Empl Pens & Ben AG	B6048	P14	505100	1	(216,800)							-216,800
16	Empl Pens & Ben AG	B6048	P14	505100	16	1,249,079	1,980,743	Group Insurance					1,249,079
1	Empl Pens & Ben AG	B6048	P15	506100	1	(239,814)							-239,814
16	Empl Pens & Ben AG	B6048	P15	506100	16	1,689,686	1,449,872	Pensions					1,689,686
16	Reg Exp-Rate Case	B6668	P16	566100	16	179,100							179,100
16	Reg Exp-Other AG	B6678	P16	566200	16	21,900							21,900
16	Reg Exp-Other AG	B6678	P16	566700	16	542,226	743,226	Regulatory Expense					542,226
1	Ins Gen Liab AG	B6578	P17	557000	16	132,918							132,918
1	Ins Work Comp AG	B6588	P17	558000	1	(29,170)							-29,170
16	Ins Work Comp AG	B6588	P17	558000	16	174,462							174,462
16	Ins Other AG	B6598	P17	559000	16	39,260	317,470	Insurance Other					39,260
15	M&S CA	B6207	P18	520100	15	1,214						1,214	
15	Bad Debt Expense	B6707	P18	570100	15	298,299						298,299	
16	Bad Debt Expense	B6707	P18	570100	16	12,746							12,746
15	Misc Exp CA	B6757	P18	575000	15	(8)						-8	
15	Misc Exp CA	B6757	P18	575100	15	262,767						262,767	
15	Misc Exp CA	B6757	P18	575200	15	94,276						94,276	
15	Misc Exp CA	B6757	P18	575420	15	113,556						113,556	
15	Misc Exp CA	B6757	P18	575620	15	7						7	
15	Misc Exp CA	B6757	P18	575660	15	344,336						344,336	
15	Misc Exp CA	B6757	P18	575743	15	6,895						6,895	
15	Misc Exp CA	B6757	P18	575820	15	2,019	1,136,107	Customer Accounting				2,019	
14	Rents-Real Prop Oper TD	B6415	P19	541000	14	300					300		
16	Rents-Real Prop AG	B6418	P19	541000	16	1,299							1,299
15	Rents-Equipment CA	B6427	P19	541400	15	2,340						2,340	
16	Rents-Equipment AG	B6428	P19	541400	16	4,905	8,844	Rents					4,905
16	M&S AG	B6208	P20	520100	16	2,705							2,705
16	Misc Exp AG	B6758	P20	575002	16	35						35	
16	Misc Exp AG	B6758	P20	575100	16	51						51	
16	Misc Exp AG	B6758	P20	575260	16	696						696	
AW46	Misc Exp AG	B6758	P20	575261	AW46	26,638						26,638	
16	Misc Exp AG	B6758	P20	575280	16	1,892						1,892	
16	Misc Exp AG	B6758	P20	575281	16	-						0	
16	Misc Exp AG	B6758	P20	575320	16	27,861						27,861	
16	Misc Exp AG	B6758	P20	575340	16	26,780						26,780	
16	Misc Exp AG	B6758	P20	575342	16	4,915						4,915	
16	Misc Exp AG	B6758	P20	575350	16	8,173						8,173	
16	Misc Exp AG	B6758	P20	575351	16	8,173						8,173	
16	Misc Exp AG	B6758	P20	575480	16	3,456						3,456	
16	Misc Exp AG	B6758	P20	575500	16	4,986						4,986	

Tennessee American Water Company
TN-CAPD-01-PART III-Q27

Sub	Description	NARUC	Line	Object	Sub	Total Year	12 mo ending 9/30/2010 GL Balance	Description	11-21 SS	12-13-22-23 P&WT	14 T&D Oper	24 T&D Maint	15 CA	16-26 AG
16	Misc Exp AG	B6758	P20	575620	16	18,136								18,136
16	Misc Exp AG	B6758	P20	575660	16	3,119								3,119
16	Misc Exp AG	B6758	P20	575740	16	30,813								30,813
16	Misc Exp AG	B6758	P20	575741	16	38,835								38,835
16	Misc Exp AG	B6758	P20	575830	16	7,566	214,830	General Office						7,566
16	Empl Pens & Ben AG	B6048	P21	504500	16	857								857
16	Empl Pens & Ben AG	B6048	P21	504610	16	9,792								9,792
16	Empl Pens & Ben AG	B6048	P21	504620	16	3,393								3,393
16	Empl Pens & Ben AG	B6048	P21	504660	16	22,068								22,068
16	Empl Pens & Ben AG	B6048	P21	504670	16	5,743								5,743
16	Empl Pens & Ben AG	B6048	P21	507100	16	100,203								100,203
16	Empl Pens & Ben AG	B6048	P21	508101	16	94,716								94,716
16	Empl Pens & Ben AG	B6048	P21	508102	16	5,798								5,798
16	Empl Pens & Ben AG	B6048	P21	508200	16	2,577								2,577
13	M&S Oper WT	B6203	P21	520100	13	99,309			99,309					
14	M&S Oper TD	B6205	P21	520100	14	18,309					18,309			
16	Cont Serv Acct AG	B6328	P21	532000	16	5,714								5,714
16	Cont Serv Acct AG	B6328	P21	532100	16	65,861								65,861
13	Cont Serv Legal Oper WT	B6333	P21	533000	13	441			441					
16	Cont Serv Legal AG	B6338	P21	533000	16	46,670								46,670
13	Cont Serv Other Oper WT	B6353	P21	535000	13	41,341								
14	Cont Serv Other Oper TD	B6355	P21	535000	14	194,442			41,341		194,442			
15	Cont Serv Other CA	B6357	P21	535000	15	14,238							14,238	
16	Cont Serv Other AG	B6358	P21	535000	16	68,911								68,911
16	Cont Serv Other AG	B6358	P21	535001	16	30,162								30,162
1	Transportation AG	B6508	P21	550000	1	(54,101)								-54,101
16	Transportation AG	B6508	P21	550000	16	42,220								42,220
24	Transportation Maint TD	B6506	P21	550000	24	16,442						16,442		
16	Transportation AG	B6508	P21	550001	16	10,371								10,371
16	Transportation AG	B6508	P21	550002	16	201,197								201,197
16	Transportation AG	B6508	P21	550003	16	145,778								145,778
16	Transportation AG	B6508	P21	550004	16	(2,083)								-2,083
16	Ins Vehicle AG	B6568	P21	556000	16	28,496								28,496
12	Misc Exp Oper SS	B6751	P21	575000	12	38			38					
13	Misc Exp Oper WT	B6753	P21	575000	13	14,707			14,707					
14	Misc Exp Oper TD	B6755	P21	575000	14	38,609					38,609			
16	Misc Exp AG	B6758	P21	575000	16	95,970								95,970
16	Advertising AG	B6608	P21	575030	16	24,207								24,207
16	Misc Exp AG	B6758	P21	575130	16	936								936
16	Misc Exp AG	B6758	P21	575220	16	10,815								10,815
16	Misc Exp AG	B6758	P21	575240	16	19,957								19,957
16	Misc Exp AG	B6758	P21	575242	16	18,122								18,122
16	Misc Exp AG	B6758	P21	575270	16	11,600								11,600
16	Misc Exp AG	B6758	P21	575275	16	(7,587)								-7,587
16	Misc Exp AG	B6758	P21	575276	16	26								26
13	Misc Exp Oper WT	B6753	P21	575320	13	52,353			52,353					
14	Misc Exp Oper TD	B6755	P21	575320	14	16,709					16,709			
16	Misc Exp AG	B6758	P21	575400	16	134,872								134,872
13	Misc Exp Oper WT	B6753	P21	575480	13	8,042			8,042					
14	Misc Exp Oper TD	B6755	P21	575480	14	7,921					7,921			
16	Misc Exp AG	B6758	P21	575490	16	100								100
13	Misc Exp Oper WT	B6753	P21	575500	13	9,971			9,971					
14	Misc Exp Oper TD	B6755	P21	575500	14	4,984					4,984			

Tennessee American Water Company
TN-CAPD-01-PART III-Q27

Sub	Description	NARUC	Line	Object	Sub	Total Year	9/30/2010 GL Balance	Description	11-21 SS	12-13-22-23 P&WT	14 T&D Oper	24 T&D Maint	15 CA	16-26 AG
13	Misc Exp Oper WT	B6753	P21	575545	13	33,521				33,521				
16	Misc Exp AG	B6758	P21	575560	16	340								340
11	Misc Exp Oper SS	B6751	P21	575620	11	97			97					
14	Misc Exp Oper TD	B6755	P21	575620	14	5,336					5,336			
16	Misc Exp AG	B6758	P21	575625	16	1,874								1,874
16	Misc Exp AG	B6758	P21	575640	16	20,230								20,230
16	Misc Exp AG	B6758	P21	575680	16	11,592								11,592
16	Misc Exp AG	B6758	P21	575710	16	145,429								145,429
16	Misc Exp AG	B6758	P21	575715	16	4,169								4,169
13	Misc Exp Oper WT	B6753	P21	575740	13	25,769				25,769				
14	Misc Exp Oper TD	B6755	P21	575740	14	14,870					14,870			
13	Misc Exp Oper WT	B6753	P21	575780	13	3,364				3,364				
14	Misc Exp Oper TD	B6755	P21	575780	14	1,430					1,430			
16	Misc Exp AG	B6758	P21	575790	16	2,770								2,770
13	Misc Exp Oper WT	B6753	P21	575820	13	4,513				4,513				
14	Misc Exp Oper TD	B6755	P21	575820	14	75					75			
16	Misc Exp Oper SS	B6751	P21	575998	16	25								25
21	M&S Maint SS	B6202	P25	620000	21	152,693			152,693					
23	M&S Maint WT	B6204	P25	620000	23	88,380			88,380					
24	M&S Maint TD	B6206	P25	620000	24	291,568						291,568		
26	M&S AG	B6208	P25	620000	26	1,238								1,238
23	Cont Serv Other Maint WT	B6354	P25	635000	23	12,983			12,983					
24	Cont Serv Other Maint TD	B6356	P25	635000	24	220						220		
26	Cont Serv Other AG	B6358	P25	635000	26	350								350
23	Misc Exp Maint WT	B6754	P25	675000	23	703			703					
24	Misc Exp Maint TD	B6756	P25	675000	24	387						387		
2435	Misc Exp Maint TD	B6756	P25	675000	2435	25,651						25,651		
26	Misc Exp AG	B6758	P25	675000	26	61,476								61,476
26	Depreciation Exp	B403	P25	675110	26	254,876								254,876
26	Misc Exp AG	B6758	P25	675250	26	134								134
26	Misc Exp AG	B6758	P25	675450	26	435								435
24	Misc Exp Maint TD	B6756	P25	675650	24	490,691						490,691		
							1,381,785	Maintenance Exp						
								Per Sch 3.08	201,613	5,373,375	910,331	1,946,052	1,561,062	13,167,978
								rounding	201,612	5,373,372	910,324	1,946,054	1,561,063	13,167,980
										7		-2	-1	-2

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

28. Provide the amount of Purchased Water for the twelve months ended September 30, 2010.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q28-ATTACHMENT.

**Tennessee American Water
Purchased Water
CAPD DR 1 # 28**

260201.510100.11

PV	42341158	10/13/2009	Eastside Utility D	1,727.84	
PV	42356365	10/30/2009	Eastside Utility D	885.35	
PV	42395986	12/22/2009	Eastside Utility D	197.11	
PV	42411787	1/11/2010	Eastside Utility D	161.80	
PV	42425247	1/29/2010	Eastside Utility D	1,140.47	
PV	42446195	2/26/2010	Eastside Utility D	175.53	
PV	42476815	4/9/2010	Eastside Utility D	181.97	
PV	42496514	5/5/2010	Eastside Utility D	520.27	
PV	42524351	6/11/2010	Eastside Utility D	1,218.93	
PV	42541907	7/2/2010	Eastside Utility D	1,569.59	
PV	42578579	8/19/2010	Eastside Utility D	2,922.27	
PV	42595194	9/8/2010	Eastside Utility D	2,683.01	13,384.14
PV	42356177	10/30/2009	Hixson Utility Dis	37.78	
PV	42356172	10/30/2009	Hixson Utility Dis	29.95	
PV	42382029	12/2/2009	Hixson Utility Dis	23.81	
PV	42383274	12/3/2009	Hixson Utility Dis	33.76	
PV	42400578	12/29/2009	Hixson Utility Dis	28.44	
PV	42400533	12/29/2009	Hixson Utility Dis	40.76	
PV	42421747	1/26/2010	Hixson Utility Dis	32.4	
PV	42421743	1/26/2010	Hixson Utility Dis	37.09	
PV	42446145	2/26/2010	Hixson Utility Dis	26.9	
PV	42446138	2/26/2010	Hixson Utility Dis	32.31	
PV	42463526	3/24/2010	Hixson Utility Dis	21.5	
PV	42463525	3/24/2010	Hixson Utility Dis	25.53	
PV	42484920	4/21/2010	Hixson Utility Dis	36.57	
PV	42484917	4/21/2010	Hixson Utility Dis	33.47	
PV	42512531	5/27/2010	Hixson Utility Dis	31.5	
PV	42512522	5/27/2010	Hixson Utility Dis	30.01	
PV	42541931	7/2/2010	Hixson Utility Dis	30.5	
PV	42541926	7/2/2010	Hixson Utility Dis	23.97	
PV	42567249	8/4/2010	Hixson Utility Dis	23.26	
PV	42567244	8/4/2010	Hixson Utility Dis	46.49	
PV	42584784	8/26/2010	Hixson Utility Dis	23.17	
PV	42584781	8/26/2010	Hixson Utility Dis	48.6	
PV	42608153	9/27/2010	Hixson Utility Dis	38.7	
PV	42608146	9/27/2010	Hixson Utility Dis	21.07	757.54

260305.510100.11**Suck Creek**

PV	42356530	10/30/2009 Waldens Ridge Util	1,088.41	
PV	42383273	12/3/2009 Waldens Ridge Util	799.51	
PV	42400521	12/29/2009 Waldens Ridge Util	1,187.63	
PV	42425219	1/29/2010 Waldens Ridge Util	1,423.77	
PV	42438688	2/18/2010 Waldens Ridge Util	1,520.52	
PV	42463522	3/24/2010 Waldens Ridge Util	1,680.13	
PV	42514190	5/28/2010 Waldens Ridge Util	990.29	
PV	42524364	6/11/2010 Waldens Ridge Util	1,183.96	
PV	42543266	7/6/2010 Waldens Ridge Util	1,517.07	
PV	42578514	8/19/2010 Waldens Ridge Util	1,085.34	
		Accrue Walden's Ridge-2 months pd 10/4/10	2,775.36	15,251.99

260405.510100.11**Lone Oak**

PV	42356530	10/30/2009 Waldens Ridge Util	1,179.12	
PV	42383273	12/3/2009 Waldens Ridge Util	866.15	
PV	42400521	12/29/2009 Waldens Ridge Util	1,286.60	
PV	42425219	1/29/2010 Waldens Ridge Util	1,542.41	
PV	42438688	2/18/2010 Waldens Ridge Util	1,647.23	
PV	42463522	3/24/2010 Waldens Ridge Util	1,820.15	
PV	42514190	5/28/2010 Waldens Ridge Util	1,072.82	
PV	42524364	6/11/2010 Waldens Ridge Util	1,282.63	
PV	42543266	7/6/2010 Waldens Ridge Util	1,643.49	
PV	42578514	8/19/2010 Waldens Ridge Util	1,175.79	
		Accrue Walden's Ridge-2 months pd 10/4/10	3,006.63	16,523.02

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller/John Watson**

PART III: EXPENSES

Question:

29. Provide the amount of Fuel and Power Expense for the test years ended March 2010, September 2010 and the attrition year ended December 2010 in the format of TN-TRA-01-Q013-FUEL & POWER, page 10 of 20, as well as in the format of TN-TRA-01-Q013-FUEL & POWER, page 20 of 20 for only water sales volumes and non-revenue usage.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q29-ATTACHMENT.

Tennessee American Water Company
TN-CAPD-01-Part III-Q29

FUEL & POWER L10168
March 2010

Date Prepared: 10/28/10

TOTAL BOOSTER FUEL & POWER COST	2009 APR	52,309	2009 MAY	98,738	2009 JUN	107,079	2009 JUL	109,950	2009 AUG	124,345	2009 SEP	84,344	2009 OCT	86,297	2009 NOV	91,017	2009 DEC	69,119	2010 JAN	67,066	2010 FEB	102,061	2010 MAR	84,979	Total
TOTAL CITICO STA. FUEL & POWER COST		103,662		105,316		118,467		121,482		115,722		103,816		101,011		88,589		87,903		105,013		88,674		98,108	1,237,763
SUBTOTAL EBP EXPENSES		155,971		204,054		225,546		231,433		240,066		188,159		187,308		179,605		157,022		172,079		190,735		183,087	2,315,066
DIESEL FUEL		-		-		-		-		-		-		-		-		-		967		100		-	1,067
TOTAL FUEL & POWER COST (168A L10)		155,971		204,054		225,546		231,433		240,066		188,159		187,308		179,605		157,022		173,045		190,834		183,087	2,316,133

Sys. Del.
Total F&P Cost
Cost/thousand gals.

13,277,965
\$2,316,133
\$ 0.174

FUEL & POWER
September 2010

TOTAL BOOSTER FUEL & POWER COST

TOTAL BOOSTER FUEL & POWER COST

SUBTOTAL EBP EXPENSES

TOTAL FUEL & POWER COST (168A L10)

System	Del.	13,523,082
Sys. Del.		

Total net cost	\$ 2,449,703
Cost/thousand gals.	\$ 0.181

Total net cost	\$ 2,449,703
Cost/thousand gals.	\$ 0.181

2009 OCT	2009 NOV	2009 DEC	2010 JAN	2010 FEB	2010 MAR	2010 APR	2010 MAY	2010 JUN	2010 JUL	2010 AUG	2010 SEP	Total
86,297	91,017	99,119	67,066	102,061	84,979	81,578	83,267	105,181	142,049	119,870	113,561	1,146,045
101,011	88,589	87,903	105,013	88,674	98,108	99,867	108,365	118,871	129,467	134,827	141,896	1,302,591
187,308	179,605	157,022	172,079	190,735	183,087	181,446	191,633	224,052	271,516	254,697	255,457	2,448,636
-	-	-	967	100	-	-	-	-	-	-	-	1,067
187,308	179,605	157,022	173,045	190,834	183,087	181,446	191,633	224,052	271,516	254,697	255,457	2,449,703

[illegible]

Tennessee American Water Company
TN-CAPD-01-Part III-Q29

FUEL & POWER L10/168
2011

Date Prepared: 10/28/10

	<u>Mar-10</u>	74.6%	<u>Sep-10</u>	74.8%	Attrition Yr 2011	77.3%
Net Sales	9,902,043		10,109,084		9,878,253	
Unaccounted For Water	3,154,168	23.8%	3,178,728	23.5%	2,690,933	21.1%
Non Revenue Water	221,754	1.7%	235,270	1.7%	208,273	1.6%
Total System Delivery	13,277,965	100.0%	13,523,082	100.0%	12,777,459	100.0%

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

30. Provide the amount of Chemical Expense for the test year September 2010 in the format of TN-TRA-01-Q013-CHEMICALS, page 2 of 6, and for the attrition year ended December 2011 in the format of TN-TRA-01-Q013-CHEMICALS, page 6 of 7 for only water sales volumes and non-revenue usage.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q30-ATTACHMENT. The water sales, non-revenue usage and unaccounted for water for the normalized and attrition year adjustment remain the same as in the original filing.

Tennessee-American Water Company
Chemical Usage and Costs:
TN-CAPD-01-Part III-Q30

Pounds	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Total
Polyaluminum Chloride	119114	99789	128558	119827	114921	106273	97936	139236	105202	107464	110973	110517	1,359,810
Chlorine	42673	35227	35314	35075	27200	29547	36247	42587	45936	50406	53980	52330	486,522
Fluoride	45787	41619	40317	42906	35746	37889	39013	43804	47327	51327	47192	47343	520,270
Caustic	68213	52564	55490	36904	46669	26667	37972	67274	81019	71359	53660	44909	642,700
Corrosion Inhibitor	42081	34305	32423	30533	29169	28754	42248	42689	40551	47022	52135	45569	467,479
Filter Aid	641	417	701	819	750	656	344	197	63	-16	0	23	4,595
Powdered Carbon		-1459								20223	40430	51357	110,551
GAC													

Cost

Polyaluminum Chloride	\$29,849	\$24,981	\$32,152	\$30,700	\$29,650	\$27,578	\$25,414	\$37,329	\$28,436	\$29,133	\$30,140	\$30,061	\$355,422
Chlorine	\$7,792	\$6,432	\$6,448	\$6,987	\$5,636	\$6,231	\$7,710	\$9,084	\$9,803	\$10,757	\$11,519	\$11,167	\$99,567
Fluoride	\$14,070	\$12,794	\$12,393	\$13,425	\$11,303	\$12,052	\$12,453	\$14,013	\$15,164	\$16,461	\$15,144	\$15,192	\$164,465
Caustic	\$6,842	\$5,190	\$5,227	\$3,395	\$4,233	\$2,395	\$3,410	\$5,994	\$7,154	\$6,301	\$6,369	\$5,501	\$62,010
Corrosion Inhibitor	\$24,298	\$19,702	\$18,426	\$15,169	\$14,030	\$13,831	\$19,992	\$19,953	\$18,889	\$21,879	\$24,248	\$21,190	\$231,607
Filter Aid	\$1,698	\$1,105	\$1,857	\$2,183	\$1,999	\$1,748	\$946	\$542	\$173	-\$44	\$0	\$63	\$12,271
Powdered Carbon		-\$936								\$12,977	\$25,912	\$32,884	\$70,837
GAC													\$0
Total	\$84,549	\$69,267	\$76,505	\$71,859	\$66,850	\$63,836	\$69,925	\$86,915	\$79,619	\$97,464	\$113,332	\$116,058	\$996,178

Cost/Lb

Polyaluminum Chloride	\$0.2506	\$0.2503	\$0.2501	\$0.2562	\$0.2580	\$0.2595	\$0.2595	\$0.2681	\$0.2703	\$0.2711	\$0.2716	\$0.2720	\$0.2614
Chlorine	\$0.1826	\$0.1826	\$0.1826	\$0.1992	\$0.2072	\$0.2109	\$0.2127	\$0.2133	\$0.2134	\$0.2134	\$0.2134	\$0.2134	\$0.2037
Fluoride	\$0.3073	\$0.3074	\$0.3074	\$0.3129	\$0.3162	\$0.3181	\$0.3192	\$0.3199	\$0.3204	\$0.3207	\$0.3209	\$0.3209	\$0.3159
Caustic	\$0.1003	\$0.0987	\$0.0942	\$0.0920	\$0.0907	\$0.0898	\$0.0898	\$0.0891	\$0.0883	\$0.0883	\$0.1187	\$0.1225	\$0.0969
Corrosion Inhibitor	\$0.5774	\$0.5743	\$0.5683	\$0.4968	\$0.4810	\$0.4810	\$0.4732	\$0.4674	\$0.4658	\$0.4653	\$0.4651	\$0.4650	\$0.4984
Filter Aid	\$2.6495	\$2.6495	\$2.6495	\$2.6652	\$2.6652	\$2.6652	\$2.7500	\$2.7513	\$2.7460	\$2.7500	\$0.0000	\$2.7391	\$2.4734
Powdered Carbon*		\$0.6417											\$0.6417
GAC													

Average
Cost/lb

Tennessee American Water Company
Chemicals
Test Year Ended 9/30/10
TN-CAPD-01-Part III-Q30

	12 Months ended 9/30/2010 (CCF)	Normalized Year (CCF)	Attrition Year (CCF)
Water Sales	13,478,777	13,107,999	13,171,004
Non-Revenue Usage	313,693	278,064	279,400
Unaccounted For	4,238,304	3,569,052	3,586,207
Total	18,030,774	16,955,114	17,036,611

Chemical Name	Cost at Current Prices Based on Test Year Sys Delivery	Average Cost Per CCF	Cost Based on Average Cost per CCF on Normalized Sys Delivery	Cost Based on Average Cost per CCF on Attrition Year Sys Delivery
Polyaluminum Chloride	384,146	0.02131	361,229	362,965
Chlorine	170,283	0.00944	160,124	160,894
Fluoride	161,284	0.00894	151,662	152,391
Caustic	128,540	0.00713	120,872	121,453
Corrosion Inhibitor	133,801	0.00853	144,626	145,321
Filter Aid	13,004	0.00072	12,228	12,287
Powdered Carbon	70,753	0.00392	66,532	66,852
Total	1,081,811		1,017,274	1,022,163

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

31. Provide the amount of Waste Disposal Expense for the test years ended March 2010 and September 2010 in the format of TN-TRA-01-Q013-WASTE DISPOSAL, page 1 of 35.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q31-ATTACHMENT.

Waste Disposal
CAPD DR 1#31
Acct 511100.13

City of Chattanooga

1/1/2010 - 3%
10/1/10 - 2.75%
4/1/11 - 2.75%

	3/31/2010		9/30/2010		Attrition Year
	Actual Charges		Actual Charges		12/31/2011
Industrial User Surcharge	\$9,331.19 times 6 months				
Est Surcharge for 2010	134,113.26	\$13,021.02 times 6 months	146,921.03		143,169.10
Sludge	9-Apr	2,830.01 pd 5/27/09	9-Oct	4,727.33 pd 11/05	3,070.56
	9-May	4,882.84 pd 7/30/09	9-Nov	4,016.65 pd 12/15/09	5,297.88
	9-Jun	4,565.91 pd 8/4/09	9-Dec	4,402.39 pd 12/15/09	4,954.01
	9-Jul	4,423.04 pd 8/31/09	10-Jan	2,936.08 pd 1/29/10	4,799.00
	9-Aug	4,274.75 pd 9/29/09	10-Feb	2,662.19 pd 2/18/10	4,638.10
	9-Sep	4,727.33 pd 11/5/09	10-Mar	2,951.20 pd 3/12/10	5,129.15
	9-Oct	4,016.65 pd 12/15/09	10-Apr	3,155.37 pd 5/15/10	4,358.07
	9-Nov	4,402.39 pd 12/15/09	10-May	4,810.47 pf 5/28/10	4,776.59
	9-Dec	2,936.08 pd 1/29/10	10-Jun	3,043.53 pd 6/30/10	3,185.65
	10-Jan	2,662.19 pd 2/28/10	10-Jul	2,357.41 pd 8/3/10	2,808.61
	10-Feb	2,951.20 pd 3/12/10	10-Aug	4,083.43 pd 8/19/10	3,113.52
	10-Mar	3,155.37 pd 4/15/10	10-Sep	3,751.61 pd 9/27/10	3,328.92
		45,827.76			42,897.66
Annual Wastewater Permit	500.00		500.00		49,460.06
Technical Lab costs	2,277.45		2,258.02		500.00
	<u>182,718.47</u>				<u>2,277.45</u>
					195,406.61
260305.511100.13					
Sludge	1,824.00		1,824.00		1,979.04
total adj	<u>184,542.47</u>		<u>194,400.71</u>		Overall 8.5% inc <u>197,385.65</u>

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

32. Provide the amount of Insurance Other than Group Expense for the test years ended March 2010 and September 2010 in the format of TN-TRA-01-Q013-INSURANCE OTHER THAN GROUP, page 1 of 70.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q32-ATTACHMENT.

Tennessee American Water Company
Account Reconciliation
Insurance Other Than Group
TN-CAPD-01-Part III-Q32

Policy Description	12 mo ending 3/31/10 Premium Amount	12 mo ending 9/30/10 Premium Amount	Attrition Year 12 mo ending 12/31/11	Expense account	Policy Period
Fiduciary Liability	\$1,930	2,275	3,034.33	557000.16	4/1/2010
Employment Practices Liability - Willis	\$1,854	1,822	1,954.38	557000.16	4/22/2010
Excess Liability - Marsh USA	\$70,111	65,729	71,431.18	557000.16	1/1/2010
General Liability - Marsh USA	\$192,237	183,412	196,899.19	557000.16	1/1/2010
Auto Liability - Marsh USA	\$28,888	28,496	31,130.40	559000.16	1/1/2010
Workers Compensation - Marsh USA	\$176,456	145,291	163,671.35	558000.16	1/1/2010
Crime Special Insurance	\$551	539	574.66	559000.16	4/1/2010
Special Kidnap & Ransom	\$63	21	69.81	559000.16	1/1/2010
Travel	\$83	83	273.54	559000.16	4/13/2008
Property All Risk	\$28,743	29,321	31,705.48	559000.16	1/1/2010
Consultation fee	\$4,172	4,208	4,353.83	557000.16	1/1/2010
Cyber Crime-ITS	\$2,433	2,748	3,050.31	559000.16	1/1/2010
RWE Liability	\$975	325	-	557000.16	1/1/2009
Surety Bond	\$1,045	1,991	1,842.70	559000.16	1/1/2010
Directors & Officers Liability - Willis	\$9,702	8,540	7,043.02	559000.16	4/1/2010

Totals

\$519,242 474,801 \$517,034.18

Retro Accruals

(\$86,682) (128,837)

Total Insurance Other than Group

\$432,561 345,964 517,034

Note: Auto Liability is charged to Miscellaneous Line 21

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

33. Provide the amount of Management Fees for the test year ended September 2010 in the format of TN-TRA-01-Q013-MANAGEMENT FEES, page 1 of 12.

Response:

**Tennessee American
Management Fees - 12 Months Ending September 2010**

12 Month September 2010 Expense	\$ 5,090,803
Less: Non-Recurring Expenses	
Severance	(21,719)
Project Stamp	(719)
Web Self Service	(3)
Lobbying & Penalties	(100)
Other Disallowed Expenses	(12,533)
Total Management Fees - 9/30/10	\$ 5,055,728

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

34. Provide the total Plant in Service, Number of customers, and Total Operations and Maintenance Expense (exclusive of Management Fees) at September 30, 2010, for each operating company subject to charges from American Water Works Service Company (“AWWSC”), American Water Capital Corporation (“AWCC”), and American Carbon Services (“ACS”).

Response:

Please see attached document labeled as TN-CAPD-01-PART III-Q34-ATTACHMENT.

Tennessee American Water Company
TN-CAPD-01-PART III-Q34

Company	Sept 2010 Plant in Service	Sept 2010 Customers	YTD 9-10 O&M Exp Excl Mgmt Fees
00004 Bluefield Valley Water Works	564,578	173	286,487
00005 California-American Water Co.	677,431,443	177,230	70,885,988
00009 Illinois-American Water Co.	1,243,169,546	295,174	82,740,265
00010 Indiana-American Water Co.	1,127,999,268	285,623	44,183,761
00011 Iowa-American Water Company	147,539,136	61,217	9,591,130
00012 Kentucky-American Water Co.	552,115,629	119,967	19,285,073
00013 Maryland-American Water Co.	20,099,703	4,882	1,346,960
00016 Michigan-American Water Co.	6,533,625	3,872	768,381
00017 Missouri-American Water Co.	1,506,758,138	453,103	68,411,502
00018 New Jersey-American Water Co.	3,161,644,475	643,911	172,430,356
00019 New Mexico-American Water Co.	67,430,857	17,361	3,869,438
00022 Ohio-American Water Co.	150,841,438	57,425	12,982,416
00023 Arizona-American Water Co.	837,340,754	158,622	29,475,138
00024 Pennsylvania-American Water Co	3,114,042,816	658,026	138,681,929
00026 Tennessee-American Water Co.	215,984,711	75,317	13,757,291
00027 Virginia-American Water Co.	180,647,793	55,273	22,010,517
00028 West Virginia-American Water	670,690,605	172,965	36,166,084
00030 Hawaii-American Water Co.	50,733,770	9,911	2,719,745
00038 Long Island Water Company	161,912,267	74,664	13,371,796
00042 Virginia American Eastern Dist	6,645,047	2,618	777,666
00044 Illinois Lake Water Company	49,689,183	-	10,239,227
00050 Texas American Water Company	9,582,752	5,271	1,518,267

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

35. Provide the actual and forecasted number of AWWSC employees as of December 2004, December 2005, December 2006, December 2007, December 2008, December 2009, September 2010, and December 2011 in the format of Exhibit IV-13 in the Schumaker & Company, Management Audit Report, August 2010, pages 106-110.

Response:

The Company objects to this question on the grounds that the production of the data is unduly burdensome, not in the possession of the Company in the format requested and costly to produce, and in part not yet completed or easily accessible to the Company. Without waiving these objections the Company responds as follows.

Please note - the data represented in Schumaker Exhibit IV-13 represents employee counts as of August 2009.

Preparing the response in the format of the Schumaker exhibit, as well as reproducing data for December 2004 would be extremely labor intensive. December 2011 budget information is still being prepared and is also not available for presentation.

Please see the attached document labeled as TN-CAPD-01-PART III-Q35-ATTACHMENT for employee counts by function and business unit for December 2005 through December 2009 and as of September 2010.

Tennessee American Water Company
Docket No. 10-00189
First Discovery Request
Consumer Advocate and Protection Division
TN CAPD 1-Q35

American Water Works Service Company Employees
By Function and Business Unit
2005 - September 2010

			December	December	December	December	December	September
			2005	2006	2007	2008	2009	2010
Function	Business Unit							
Admin	032005	CORP-CEO	2	-	-	-	-	
	032070	CORP-Shared Bus Services Admin	3	-	-	-	-	
	032088	CORP-Business Change	3	-	-	-	-	
	032089	CORP-AWE Pass-Thru	-	-	3	3	5	5
	032091	CORP-STEP Project	9	-	-	-	-	
	032094	CORP-COE O&M	2	-	-	-	-	
	032096	CORP-Chief Growth Officer	2	1	-	-	-	
	032097	CORP-Product & Serv Innovation	5	-	-	-	-	
	032098	CORP-Non-Departmental Costs	-	-	1	1	1	1
Admin Total			26	1	4	4	6	6
Audit	032060	CORP-Audit	10	9	7	7	9	8
Audit Total			10	9	7	7	9	8
Benefit Svc Ctr	032014	CORP-Benefits Service Center	-	16	14	14	15	15
Benefit Svc Ctr Total			-	16	14	14	15	15
Business Development	032020	CORP-Corporate Bus Development	4	4	6	5	8	9
	033020	WE-Business Development	10	7	6	4	-	
	033520	CE-Business Development	9	7	4	4	3	2
	035020	SE-Business Development	12	11	6	3	2	3
	036520	NE-Business Development	7	5	1	-	-	
Business Development Total			42	34	23	16	13	14
Business Transformation	032040	CORP-Business Transformation	-	-	-	6	7	9
	032051	CORP-Bsns Trans-Procure To Pay	-	-	-	-	1	2
	032052	CORP-Bsns Trans-Recruit To Ret	-	-	-	-	1	1
	032053	CORP-Bsns Trans-Record To Rpt	-	-	-	-	1	1
	032054	CORP-Bsns Trans-Order To Cash	-	-	-	-	1	1
	032055	CORP-Bsns Trans-Plan, Bld, Ret	-	-	-	-	1	1
	032056	CORP-Bsns Trans-Ord To Compl	-	-	-	-	1	1
Business Transformation Total			-	-	-	6	13	16
CSC	031434	CSC-Call Handling	1	-	-	-	-	
	034005	CCA-Administration	4	13	13	12	12	9
	034070	CCA-Call Handling	228	216	203	206	181	146
	034071	CCA-Billing	82	91	116	123	120	116
	034072	CCA-Collections	18	27	36	38	36	33
	034073	CCA-Operations & Performance	18	17	14	11	12	11
	034074	CCA-Business Services	33	11	11	15	12	14
	034075	CCA-Education & Development	18	28	15	17	10	9
	037005	CCP-Administration	5	-	3	2	2	3
	037070	CCP-Call Handling	204	235	245	276	241	255
	037071	CCP-Billing	-	10	-	-	-	
	037072	CCP-Collections	-	3	-	-	-	
	037073	CCP-Operations and Support	5	5	3	5	4	4
	037074	CCP-Business Services	1	1	-	-	-	
	037075	CCP-Education & Development	-	6	7	7	14	20
CSC Total			617	663	666	712	644	620
External Affairs/Communication	032022	CORP-Government Affairs	-	-	-	1	1	1
	032025	CORP-External Affairs	2	3	2	2	2	2
	032068	CORP-Marketing	4	3	6	6	6	7
	032085	CORP-External Communications	1	2	4	4	3	3
	032086	CORP-Internal Communications	2	2	2	2	2	2
	032087	CORP-Corp Social Resp	1	-	-	-	1	1
	033025	WE-External Affairs	6	5	3	6	5	3
	033525	CE-External Affairs	8	9	4	7	8	8
	035025	SE-External Affairs	6	6	3	4	3	4
	036525	NE-External Affairs	4	2	2	2	2	2
External Affairs/Communication Total			34	32	26	34	33	33
Finance	032007	CORP-Finance	18	30	11	10	10	14
	032017	CORP-Planning & Reporting	3	5	13	14	12	-
	032027	CORP-Reporting & Compliance	-	4	6	6	16	16
	032047	CORP-Income Tax	-	7	12	15	16	7
	032057	CORP-Treasury	-	-	12	11	14	14
	033007	WE-Finance	15	14	13	14	9	7
	033507	CE-Finance	21	22	21	26	18	16
	035007	SE-Finance	17	16	18	22	12	16

Tennessee American Water Company
Docket No. 10-00189
First Discovery Request
Consumer Advocate and Protection Division
TN CAPD 1-Q35

American Water Works Service Company Employees
By Function and Business Unit
2005 - September 2010

			December	December	December	December	December	September
			2005	2006	2007	2008	2009	2010
Function	Business Unit							
	036507	NE-Finance	11	14	11	13	2	2
Finance Total			85	112	117	131	109	92
Human Resources	032002	CORP-HR Comp/Benefits	4	3	5	5	6	5
	032003	CORP-HR Talent Development	4	3	1	2	7	5
	032004	CORP-HR Labor Relations	-	2	2	2	2	2
	032006	CORP-Business Center HR	5	4	5	6	6	6
	032012	CORP-HR Strategic Staffing	-	1	-	-	-	-
	032013	CORP-HR Systems & Processes	-	3	2	2	2	1
	032018	CORP-Human Resources	3	3	3	2	2	3
	032028	CORP-ED Human Resources	-	-	-	-	3	4
	032038	CORP-WD Human Resources	-	-	-	-	15	15
	032048	CORP-HR Health & Wellness	-	-	-	-	-	1
	033018	WE-Human Resources	5	3	5	5	-	-
	033518	CE-Human Resources	14	17	13	13	-	-
	034018	CCA-Human Resources	4	3	4	7	7	7
	035018	SE-Human Resources	8	5	6	1	-	-
	036518	NE-Human Resources	8	6	6	-	-	-
	037018	CCP-Human Resources ODI	4	2	2	-	-	-
Human Resources Total			59	55	54	45	50	49
Investor Relations	032037	CORP-Investor Relations	-	2	2	3	3	3
Investor Relations Total			-	2	2	3	3	3
ITS	032030	CORP-ITS Client Rel Admin	1	2	2	1	1	1
	032031	CORP-Service Desk	8	10	8	7	11	7
	032032	CORP-ITS Bus Development	6	4	5	5	9	10
	032033	Chg Ctrl & Desktop Automation	-	-	1	3	2	2
	032034	CORP-ITS Appl Adm & Security	-	-	5	6	-	-
	032035	CORP-ITS Sec Arch & Strategy	-	-	-	1	-	-
	032071	CORP-ITS Admin	1	2	4	3	4	4
	032072	CORP-ITS PMO	10	10	10	10	12	12
	032073	CORP-ITS Infra/Oper Admin	2	2	2	2	3	4
	032074	CORP-ITS Production	11	10	9	9	8	8
	032075	CORP-Enterprise Server	9	10	15	17	19	19
	032076	CORP-Communications	5	4	8	8	4	4
	032077	CORP-ITS Telecom	5	5	-	5	8	9
	032078	CORP-ITS Adm Business Appl Dev	1	1	1	4	3	4
	032079	CORP-Technical Applications	10	17	24	19	13	9
	032080	CORP-Functional Applications	11	9	16	14	9	11
	032081	CORP-ITS Quality Assurance	7	9	8	9	9	9
	032082	Client Relationship Management	4	5	2	7	11	13
	032083	CORP-ITS Strategy/Governance	2	2	-	-	7	14
	032093	CORP-ITS Design Authority	2	2	4	9	10	11
	033031	WE-ITS Client Relations	5	3	-	-	-	-
	033531	CE-Western CS & S	11	11	17	16	29	30
	035031	SE-ITS Client Relations	12	12	-	-	-	-
	036531	NE-Eastern CS & S	8	12	21	20	-	-
ITS Total			131	142	162	175	172	181
Laboratory	034517	BVLAB-Water Quality	36	35	35	36	35	32
Laboratory Total			36	35	35	36	35	32
Legal	032008	CORP-Legal Admin	2	2	1	-	-	-
	032015	CORP-Legal	13	15	9	11	11	11
	033015	WE-Legal	1	3	6	6	6	6
	033515	CE-Legal	7	8	8	9	11	10
	035015	SE-Legal	8	7	7	6	3	5
	036515	NE-Legal	5	6	8	3	2	2
Legal Total			36	41	39	35	33	34
Operation Services	032011	CORP-Chief Operating Officer	4	6	4	3	5	4
	032016	CORP-Maintenance Services	-	-	-	-	-	1
	032019	CORP-Operational Risk	8	8	10	9	9	9
	032064	CORP-Operational Performance	3	5	5	5	1	-
	032065	CORP-Asset Management	5	6	7	13	16	14
	032090	CORP-Prop Mgmt Development	2	1	-	-	-	-
	033016	WE-Maintenance	1	1	3	3	3	3
	033019	WE-Operational Risk	2	2	3	1	1	1

Tennessee American Water Company
Docket No. 10-00189
First Discovery Request
Consumer Advocate and Protection Division
TN CAPD 1-Q35

American Water Works Service Company Employees
By Function and Business Unit
2005 - September 2010

			December	December	December	December	December	September
			2005	2006	2007	2008	2009	2010
Function	Business Unit							
	033516	CE-Maintenance	12	9	11	11	9	8
	033519	CE-Operational Risk	10	7	8	9	9	9
	035016	SE-Maintenance	22	16	15	3	3	5
	035019	SE-Operational Risk	5	4	3	1	-	1
	036516	NE-Maintenance	2	2	1	1	1	1
	036519	NE-Operational Risk	5	8	6	3	-	
	036550	CORP-COE-Engineering	14	16	9	10	9	9
	036551	CORP-COE-Technical Services	-	-	8	10	10	10
Operation Services Total			95	91	93	82	76	75
Procurement	032010	CORP-Supply Chain-Sourcing	26	29	27	30	27	27
	033010	WE-Supply Chain	1	1	2	2	2	2
	033510	CE-Supply Chain	2	2	2	2	2	2
	035010	SE-Supply Chain	2	2	2	2	1	1
	036510	NE-Supply Chain	1	1	2	1	-	
Procurement Total			32	35	35	37	32	32
Property	032062	CORP-Building Services	6	7	5	5	5	5
	032063	CORP-Building Services Woodcre	-	4	4	5	5	6
	036576	NE-Building Services Woodcrest	-	1	1	1	1	
Property Total			6	12	10	11	11	11
Regulated Operations	032023	CORP-Eastern Division Ops	-	-	2	1	1	2
	032024	Corp-Western Division Ops	-	-	-	-	-	2
	032026	CORP-Regulated Ops	-	-	-	2	2	2
	032066	CORP-Research & Env Excellence	12	13	14	17	17	19
	033001	WE-Production	4	3	-	-	-	
	033002	WE-Network	8	8	5	4	-	
	033003	WE-Customer Relations	-	1	-	-	-	
	033004	WE-Technical Services	3	3	2	-	-	
	033005	WE-Administration	7	7	3	3	3	3
	033006	WE-Service Delivery	-	-	1	1	-	
	033011	WE-Environmental Mgmt	2	2	1	1	-	
	033014	WE-Engineering	2	-	-	-	2	3
	033028	WE-Asset Planning	8	9	2	3	-	
	033501	CE-Production	3	3	1	-	-	
	033502	CE-Network	2	2	3	3	4	3
	033503	CE-Customer Relations	26	28	32	29	32	29
	033505	CE-Administration	11	13	10	12	5	2
	033511	CE-Environmental Mgmt	10	9	2	2	2	1
	033514	CE-Engineering	46	52	9	13	12	11
	035001	SE-Production	4	2	1	-	-	
	035002	SE-Network	6	4	1	3	2	2
	035003	SE-Customer Relations	24	26	34	35	-	
	035005	SE-Administration	8	6	4	2	2	4
	035011	SE-Environmental Mgmt	12	9	-	-	-	
	035014	SE-Engineering	31	18	4	1	1	2
	035503	ED-Customer Relations	-	-	-	-	32	31
	036501	NE-Production	1	2	1	1	1	
	036502	NE-Network	1	-	-	-	-	
	036503	NE-Customer Field Services	1	-	-	-	-	
	036505	NE-Administration	6	7	-	-	-	
	036511	NE-Environmental Mgmt	-	1	-	-	-	
	036514	NE-Engineering	1	1	-	-	-	
Regulated Operations Total			239	229	132	133	118	116
Regulatory Services	032050	CORP-Backfill Reg App	-	2	-	-	-	
	032069	CORP-Regulatory UFS	6	7	1	2	2	2
Regulatory Services Total			6	9	1	2	2	2
SSC	032017	CORP-Planning & Reporting	-	-	-	-	-	4
	032084	SSC-Accounts Payable	20	27	28	29	30	29
	032505	SSC-Administration	7	9	10	9	9	9
	032560	SSC-Financial Reporting	-	4	-	-	-	
	032570	SSC-General Accounting	20	28	33	31	31	28
	032571	SSC-Tax	10	10	10	10	12	13
	032572	SSC-Business Support Services	9	8	8	8	10	12
	032573	SSC-Planning & Reporting	3	-	-	-	-	

Tennessee American Water Company
Docket No. 10-00189
First Discovery Request
Consumer Advocate and Protection Division
TN CAPD 1-Q35

American Water Works Service Company Employees
By Function and Business Unit
2005 - September 2010

Function	Business Unit	December 2005	December 2006	December 2007	December 2008	December 2009	September 2010
	032574 SSC-Rates & Regulation	9	8	11	11	12	11
	032575 SSC-Cash Management	20	19	17	20	19	19
	032577 SSC-Fixed Assets/Job Cost	15	16	18	21	21	20
	032578 SSC-Project Management	1	2	2	2	2	1
	032579 SSC-Employee Services	31	27	29	30	26	19
	032580 SSC-AWE	-	-	15	13	13	13
SSC Total		145	158	181	184	185	178
Grand Total		1,599	1,676	1,601	1,667	1,559	1,517

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

36. In the format of TRA-01-Q042-ATTACHMENT, for the 18 months ended September 2010, provide the “total amount of charges subject to allocation or direct charge to all affiliates” from AWWSC by month, by affiliated entity, as well as the “total amount of direct charges and allocated charges to each affiliate” from AWWSC by month for the 18 months ended September 2010 by month, by direct amount, by allocated amount, by affiliated entity.

Response:

The Company objects to this question on the grounds that the requested information is not relevant or likely to lead to information relevant to this case. The Company is not in possession of the requested information and it would be unduly burdensome and extremely costly to generate. The Company does not believe the requested information regarding each and every subsidiary of AWWC is relevant to a rate proceeding involving only TAWC. The Company has provided responses to voluminous discovery about total AWWSC costs and the amounts charged to TAWC through both direct charges and allocations in the responses to the first set of TRA requests, other responses to these discovery requests, and subject to responding to numerous questions in the first set of discovery from the City of Chattanooga and the Chattanooga Manufacturers Association on this subject. In addition, the management audit performed by Schumaker and Company provided with Mr. Miller’s direct testimony provides significant information, discussion, findings and recommendations about the total AWWSC costs, TAWC’s level of those AWWSC costs and the allocation methods used to distribute the AWWSC costs to TAWC.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

37. In the format of TRA-01-Q042-ATTACHMENT, for the 12 months ended December 2011, provide the “total budgeted amount of charges subject to allocation or direct charge to all affiliates” from AWWSC, AWCC, and ACS by month, by affiliated entity, as well as the “total amount of budgeted direct charges and budgeted allocated charges to each affiliate” from AWWSC, AWCC, and ACS by month, by direct amount, by allocated amount, by affiliated entity in the format of TRA-01-Q042-ATTACHMENT.

Response:

The 2011 budget process is still on-going and 2011 numbers have not been finalized at this time. The Company did not determine its 2011 attrition year AWWSC costs from a budget. The attrition year AWWSC costs were determined based on the actual costs for the 12 months ending March 2010 adjusted for non-recurring expenses and other expenses not normally recognized for rate recovery by the TRA, and then adjusted for an annual escalator representative of the combination of salary increase and increases in employee benefit costs.

The Company objects to providing the information requested for any other “affiliate companies” as being totally irrelevant, unlikely to lead to the discovery of admissible evidence, unduly burdensome, and overbroad.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

38. Provide the actual percentages used in Tier One allocation of AWWSC charges to each American Water affiliate for the test period ending March 31, 2010. Indicate in your response the date of the factors used to develop the actual percentages.

Response:

Current year allocation formulas are prepared using year-end data from the previous calendar year. Since TAWC's test year ended March 2010, it contained formulas referencing two different year-end periods. Test year data from January 2009 through December 2009 used formulas which were based on December 2008 allocation values. Test year data from January 2010 to March 2010 used formulas based on December 2009 allocation values.

Please see attached document labeled as TN-CAPD-01-PART III-Q38-ATTACHMENT for the tier 1 formulas from both periods mentioned above.

American Water Service Company
Tier 1 Percentages used from January 2009 - December 2009
Based on 12/31/2008 year end factor values

Formula #	Formula Description	Factors Used	AWK-02	Srv-C03	CA-05	IL-09	IN-10	IA-11	KY-12	MD-13	MI-16	MO-17	NI-18	AWR-21	OH-22	CA-23	PA-24	TN-26	VA-27	WV-28	HI-30	AVE-31	U-38	VA-EAST-42	TX-50	EDISON-54	LIBERTY-55	ETHAN-56	Total	
100003	CP-RENT/REMPLOY W/O CHILE	Corporate (National) Plant-Revenues-Employees	0.02%		4.72%	8.50%	7.86%	1.61%	3.28%	0.13%	0.20%	12.63%	17.66%	0.47%	0.41%	1.59%	4.33%	17.94%	2.07%	1.55%	4.71%	0.27%	7.11%	2.04%	0.07%	0.14%	0.25%	0.47%	0.03%	100.00%
100005	CP-RENT/REMPLOY W/ CHILE	Corporate (National) Revenues-Employees	0.03%		4.53%	8.16%	7.53%	1.61%	3.15%	0.13%	0.10%	12.11%	16.92%	0.45%	0.15%	1.19%	4.16%	17.41%	1.98%	1.45%	4.52%	0.25%	7.11%	1.96%	0.07%	0.14%	0.25%	0.40%	0.12%	100.00%
100006	CP-REVENUE	Corporate (National) Revenue			4.55%	8.20%	7.56%	1.62%	3.17%	0.13%	0.10%	12.17%	17.01%	0.45%	0.15%	1.24%	4.18%	17.25%	1.99%	1.45%	4.54%	0.26%	10.13%	1.96%	0.07%	0.14%	0.26%	0.40%	0.12%	100.00%
100007	CP-BILLED PREMISES	Corporate (National) Billed Premises			5.11%	9.20%	8.48%	1.81%	3.55%	0.15%	0.13%	13.65%	19.07%	0.51%	0.17%	1.49%	4.26%	18.38%	2.23%	1.63%	4.59%	0.30%	8.11%	2.21%	0.08%	0.16%	0.28%	0.47%	0.23%	100.00%
100008	CP-EMPLOYEES	Corporate (National) Employees	0.07%		4.64%	8.35%	7.71%	1.83%	3.23%	0.13%	0.10%	12.40%	17.38%	0.46%	0.17%	1.43%	4.16%	17.63%	2.03%	1.48%	4.63%	0.27%	9.86%	2.01%	0.07%	0.14%	0.27%	0.41%	0.13%	100.00%
100010	CP-CAPEX	Corporate (National) Capital Expenditures		2.84%	4.57%	8.56%	8.21%	1.77%	3.46%	0.14%	0.11%	13.35%	18.58%	0.49%	0.18%	1.68%	4.56%	18.65%	2.16%	1.58%	4.95%	0.28%	9.39%	2.15%	0.07%	0.14%	0.27%	0.15%	0.15%	100.00%
100080	NE-CAPEX	Netheast Region Capital Expenditures																											100.00%	
100081	NE-CAPEX-NO O/H	Netheast Region Capital Expenditures																											100.00%	
100672	WE-BUS DEVELOPMENT GENERAL	Western Region Business Development Allocation		90.96%		4.64%	4.28%	0.92%	1.79%	0.07%	0.05%	6.89%	9.26%	0.26%	88.72%			9.78%	1.12%	0.82%	2.57%	0.15%	50.00%	1.11%	0.04%	0.08%	0.37%	0.69%	0.32%	100.00%
100694	CP-BUS DEVELOPMENT GENERAL	Corporate (National) Business Development Allocation			2.57%	5.08%	4.85%	1.81%	3.35%	0.15%	0.13%	13.85%	18.98%	0.35%	0.17%	1.72%	4.67%	15.25%	2.22%	1.62%	5.07%	0.30%	0.52%	2.00%	0.08%	0.16%	0.25%	0.54%	0.05%	100.00%
100792	CP-CUST CALL CNTS COMBINED	Corporate (National) Customers	0.02%		4.72%	8.50%	7.86%	1.68%	3.38%	0.13%	0.10%	12.63%	17.66%	0.47%	0.41%	1.59%	4.33%	17.95%	2.07%	1.55%	4.71%	0.27%	7.11%	2.04%	0.07%	0.14%	0.25%	0.47%	0.03%	100.00%
100982	ED-PLANT/REMP/EMPLOYEE	Eastern Division Plant-Revenues-Employees																											100.00%	
101000	SECURITY EQUIP OPEX	Security Equipment - Special			1.38%	13.80%	7.71%	2.11%	0.31%	0.01%	0.01%	2.42%	22.35%	0.04%	0.05%	3.15%	0.67%	32.77%	2.23%	2.24%	6.35%	0.02%	0.48%	1.00%	0.01%	0.01%	0.02%	0.04%	0.01%	100.00%
101001	SECURITY EQUIP REPL CAPEX	Security Equipment - Special		9.22%	0.94%	13.00%	6.97%	1.96%	0.12%	0.01%	0.01%	2.42%	22.35%	0.04%	0.05%	3.15%	0.67%	32.77%	2.23%	2.24%	6.35%	0.02%	0.48%	1.00%	0.01%	0.01%	0.02%	0.04%	0.01%	100.00%
101015	TOM PETERSON ALLOCATION	Employee Time Allocation - Special			46.58%																								100.00%	
101022	PROJECT STAMP	Corporate (National) Plant-Revenues-Employees	0.02%		4.72%	8.50%	7.86%	1.68%	3.38%	0.13%	0.10%	12.63%	17.66%	0.47%	0.41%	1.59%	4.33%	17.94%	2.07%	1.55%	4.71%	0.27%	7.11%	2.04%	0.07%	0.14%	0.25%	0.47%	0.03%	100.00%

American Water Service Company
Tier 1 Percentages used from January 2010 - March 2010
Based on 12/31/2009 year-end factor values

Formula #	Formula Description	AWK_02	Surv Co-03	CA -05	IL -09	JN -10	IA -11	KY -12	MI -13	MO -14	NI -18	NM -19	AVR -21	OH -22	PA -23	TX -26	VA -27	WI -28	HI -30	AWE -31	IL -38	VA-EAST -42	TX -50	EDISON -54	LIBERTY -55	ETC05 -56	Total	
100003	CP-PLANT/REVENUE/W/O CHILE	0.01%		4.7%	8.51%	7.81%	1.6%	3.10%	0.13%	0.0%	12.61%	17.55%	0.47%	0.35%	1.58%	4.3%	2.05%	1.12%	4.74%	0.27%	7.04%	2.04%	0.07%	0.14%	0.25%	0.33%	100.00%	
100005	CP-PLANT/REVENUE/W/O CHILE	0.01%		4.7%	8.51%	7.81%	1.6%	3.10%	0.13%	0.0%	12.61%	17.55%	0.47%	0.35%	1.58%	4.3%	2.05%	1.12%	4.74%	0.27%	7.04%	2.04%	0.07%	0.14%	0.25%	0.33%	100.00%	
100006	CP-REVENUE	0.01%		4.55%	8.16%	7.45%	1.61%	3.23%	0.13%	0.0%	12.34%	17.57%	0.46%	0.45%	1.51%	4.17%	1.737%	1.45%	4.55%	0.28%	6.92%	1.95%	0.07%	0.14%	0.19%	0.47%	100.00%	
100007	CP-BILLED PREMISES	0.01%		4.54%	8.32%	7.64%	1.61%	3.23%	0.13%	0.0%	12.34%	17.57%	0.46%	0.46%	1.54%	4.23%	1.755%	1.47%	4.54%	0.27%	6.92%	1.95%	0.07%	0.14%	0.19%	0.47%	100.00%	
100008	CP-BILLED PREMISES	0.07%		5.11%	9.17%	8.41%	1.81%	3.55%	0.14%	0.0%	13.60%	18.01%	0.51%	0.70%	1.70%	4.69%	1.938%	1.21%	5.11%	0.28%	0.11%	2.00%	0.08%	0.16%	0.27%	0.86%	100.00%	
100009	CP-EMPLOYEES	0.01%		4.55%	8.32%	7.54%	1.62%	3.19%	0.13%	0.0%	12.19%	17.04%	0.46%	0.46%	1.52%	4.20%	1.754%	1.46%	4.55%	0.28%	1.114%	1.97%	0.07%	0.14%	0.19%	0.47%	100.00%	
100010	CP-CAPEX	4.18%		4.58%	8.85%	8.12%	1.75%	3.43%	0.14%	0.1%	13.17%	18.34%	0.49%	1.64%	4.52%	18.71%	1.88%	1.65%	4.58%	0.28%	0.12%	2.12%	0.07%	0.15%	0.03%	0.17%	100.00%	
100672	WE-BUS DEVELOPMENT GENERAL			90.90%							91.0%							1.37%	4.93%	0.25%						100.00%		
100694	CP-BUS DEVELOPMENT GENERAL			2.58%	4.64%	4.25%	0.91%	1.80%	0.07%	0.06%	6.88%	6.11%	0.26%	0.85%	2.37%	9.79%	1.12%	2.96%	1.11%	5.00%		0.04%	0.06%				100.00%	
100752	CP-COST CALL LINE-ITEMS COMBINED			5.09%	9.51%	8.38%	1.80%	3.54%	0.14%	0.13%	15.55%	18.93%	0.51%	1.69%	4.67%	19.31%	2.21%	1.85%	5.09%	0.28%	0.71%	2.16%	0.08%	0.16%	0.36%	0.54%	100.00%	
100759	CP-CORPORATE LEGAL-CODE OF ETHICS	0.01%		4.7%	8.51%	7.81%	1.6%	3.30%	0.13%	0.0%	12.51%	17.63%	0.7%	0.35%	1.58%	4.3%	18.04%	2.05%	1.5%	4.74%	0.27%	7.04%	2.04%	0.07%	0.14%	0.25%	0.33%	100.00%
100882	SECURITY/REVENUE/EMPLOYEES							6.60%	0.27%		38.30%					36.01%	4.11%	3.03%	9.49%							100.00%		
101000	SECURITY EQUIP-REPL OPEX			1.38%	13.80%	7.71%	2.12%	0.13%	0.01%	0.0%	2.42%	22.95%	0.24%	0.05%	3.15%	6.67%	32.77%	2.23%	6.35%	0.02%	0.46%	1.26%	0.01%	0.14%	0.04%	0.07%	100.00%	
101001	SECURITY EQUIP-REPL OPEX	9.22%		0.93%	13.00%	6.97%	1.96%	0.13%	0.01%	0.0%	1.21%	21.29%		3.00%	4.27%	31.05%	2.04%	2.10%	5.51%							100.00%		
101002	SECURITY EQUIP-REPL OPEX	0.01%		4.74%	8.51%	7.81%	1.6%	3.30%	0.13%	0.0%	12.51%	17.63%	0.47%	0.35%	1.58%	4.3%	18.04%	2.05%	1.5%	4.74%	0.27%	7.04%	2.04%	0.07%	0.14%	0.25%	0.33%	100.00%
101003	SECURITY EQUIP-REPL OPEX			5.05%	9.18%	8.40%	1.79%	3.65%	0.14%	0.13%	15.53%	18.78%	0.50%	1.68%	4.63%	19.34%	2.28%	1.66%	5.11%	0.28%	0.70%	2.17%	0.08%	0.16%	0.36%	0.54%	100.00%	
101008	CSP-STRONG CONTINGENCY			5.05%	9.18%	8.40%	1.79%	3.65%	0.14%	0.13%	18.78%	9.50%		1.68%	19.34%	2.28%	1.66%	5.11%	0.29%	0.70%	2.17%	0.08%	0.16%	0.36%	0.54%	100.00%		

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

39. Provide the monthly and year to date reports of AWWSC charges to American Water subsidiaries from November 2009, through September 2010. (Schumaker and Company, Management Audit Report, August 2010, page 20).

Response:

The Company objects to this question on the grounds that the requested information is not relevant or likely to lead to information relevant to this case. The Company is not in possession of the requested information and it would be unduly burdensome and extremely costly to generate. The Company does not believe the requested information regarding each and every subsidiary of American Water Works Company (“AWWC”) is relevant to a rate proceeding involving only TAWC. The Company has provided responses to voluminous discovery about total AWWSC costs and the amounts charged to TAWC through both direct charges and allocations in the responses to the first set of TRA responses, other responses to these requests for discovery, and is subject to responding to numerous questions in the first set of discovery from the City of Chattanooga and the Chattanooga Manufacturers Association on this subject. In addition, the management audit performed by Schumaker and Company provided with Mr. Miller’s direct testimony provides significant information, discussion, findings and recommendations about the total AWWSC costs, TAWC’s level of those AWWSC costs and the allocation methods used to distribute the AWWSC costs to TAWC.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

40. Provide the amount of labor and overhead billed to TAWC for the test periods ended March 2010 and September 2010 from AWWSC for the two former employees, which are now in the positions of Finance Manager (Kevin Rogers) and Government Affairs Specialist (Kino Becton) with TAWC. (Mr. John Watson, direct testimony, page 23 and TN-TRA-01-Q002A).

Response:

The Company cannot determine the cost of the workload previously provided by AWWSC now performed by the Finance Manager and the Government Affairs Specialist. Please see the attached document labeled as TN-CAPD-01-PART III-Q40-CONFIDENTIAL ATTACHMENT for a breakdown of the total cost of finance and government affairs service provided by AWWSC in addition to the cost of the two new positions for 2009, 12 months ended March 31, 2010 and 12 months ended September 30, 2010.

The above mentioned Confidential Document is being provided pursuant to the Protective Order entered in this case.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

41. Provide the amount of hours, labor dollars, and overhead dollars by AWWSC employee billed to TAWC for the test periods ended March 2010 and September 2010 from AWWSC for preparation of this rate filing.

Response:

Please see attached document labeled as TN-CAPD-01-PART III-Q41-ATTACHMENT.

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AAWWSB Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032002	CORP-HR Comp/Benefits	3002332	Dir Comp & Benefits	2,080.00	37.91	\$191,101.77	\$3,482.49	\$1,763.22	\$5,245.71
032002	CORP-HR Comp/Benefits	50222352	Mgr Compensation	2,080.00	41.98	\$122,950.60	\$2,481.80	\$1,256.56	\$3,738.36
032002	CORP-HR Comp/Benefits	50367867	Sr Analyst Compensation	2,080.00	41.98	\$82,882.59	\$1,673.53	\$847.32	\$2,520.85
032002	CORP-HR Comp/Benefits	50372998	Sr Analyst Compensation	332.00	6.74	\$13,280.00	\$269.75	\$136.58	\$406.33
032002	CORP-HR Comp/Benefits	50495199	Analyst Compensation	1,000.00	20.06	\$33,653.77	\$675.35	\$341.94	\$1,017.29
032002	CORP-HR Comp/Benefits	50502444	Mgr Health & Wellness	440.00	8.85	\$20,593.10	\$414.20	\$209.71	\$623.91
032002	Total			8,012.00	157.53	\$464,461.83	\$8,997.12	\$4,555.33	\$13,552.45
032003	CORP-HR Talent Development	50197686	Mgr Training & Development	200.00	4.06	\$9,401.31	\$190.86	\$96.63	\$287.49
032003	CORP-HR Talent Development	50197686	Sr OD Consultant	1,880.00	37.92	\$90,846.50	\$1,832.90	\$928.02	\$2,760.92
032003	CORP-HR Talent Development	50220138	HR Project Asst (N)	1,163.00	23.61	\$32,382.90	\$657.01	\$332.65	\$989.66
032003	CORP-HR Talent Development	50220138	Learning & Dvlpmt Consultant	944.00	18.93	\$28,406.10	\$570.02	\$288.61	\$858.63
032003	CORP-HR Talent Development	50224367	Sr OD Consultant	2,080.00	41.98	\$129,197.79	\$2,606.61	\$1,319.75	\$3,926.36
032003	CORP-HR Talent Development	50415610	Mgr Training & Development	2,080.00	1.62	\$100,536.20	\$78.00	\$39.49	\$117.49
032003	CORP-HR Talent Development	50480397	Dir Learning & Org Development	1,520.00	30.62	\$117,429.41	\$2,364.71	\$1,197.28	\$3,561.99
032003	Total			9,867.00	158.75	\$508,200.21	\$8,300.11	\$4,202.43	\$12,502.54
032004	CORP-HR Labor Relations	50269629	Dir Labor & Employee Relations	2,080.00	41.98	\$181,078.19	\$3,654.21	\$1,850.16	\$5,504.37
032004	CORP-HR Labor Relations	50302387	Admin Asst (N)	2,057.50	41.53	\$39,695.92	\$800.98	\$405.54	\$1,206.52
032004	Total			4,137.50	83.51	\$220,774.11	\$4,455.19	\$2,255.71	\$6,710.90
032006	CORP-Business Center HR	50171197	HR Generalist	1,880.00	38.02	\$55,343.26	\$1,119.89	\$567.01	\$1,686.90
032006	CORP-Business Center HR	50171197	Sr HR Generalist	200.00	3.96	\$6,490.50	\$128.50	\$65.06	\$193.56
032006	CORP-Business Center HR	50217694	Sr HR Generalist	2,068.00	41.74	\$81,297.65	\$1,640.66	\$830.68	\$2,471.34
032006	CORP-Business Center HR	50256298	Mgr Human Resources	1,680.00	32.24	\$78,579.00	\$1,508.71	\$763.87	\$2,272.58
032006	CORP-Business Center HR	50362144	HR Generalist	1,880.00	38.02	\$50,865.45	\$1,028.97	\$520.98	\$1,549.95
032006	CORP-Business Center HR	50362144	Sr HR Generalist	200.00	3.96	\$6,153.76	\$121.76	\$61.65	\$183.41
032006	CORP-Business Center HR	50402247	Dir HR	2,080.00	41.98	\$161,383.60	\$3,256.42	\$1,648.76	\$4,905.18
032006	CORP-Business Center HR	50419119	Admin Asst (N)	1,889.50	10.63	\$34,174.85	\$185.67	\$94.01	\$279.68
032006	CORP-Business Center HR	50428355	Mgr Human Resources	200.00	4.06	\$8,851.25	\$179.69	\$90.98	\$270.67
032006	Total			12,077.50	214.62	\$483,139.32	\$9,170.27	\$4,643.00	\$13,813.27
032007	CORP-Finance	3000002	Dir Corp Accounting	2,080.00	42.96	\$161,397.00	\$3,332.40	\$1,687.23	\$5,019.63
032007	CORP-Finance	3001300	VP Finance & Accounting	2,080.00	42.30	\$228,991.60	\$4,655.92	\$2,357.34	\$7,013.26
032007	CORP-Finance	3015490	Princ Analyst Financial	40.00	0.82	\$1,898.95	\$38.95	\$19.72	\$58.67
032007	CORP-Finance	50037426	Financial Analyst III (FP&A)	40.00	0.82	\$1,656.40	\$33.95	\$17.19	\$51.14
032007	CORP-Finance	50282622	Mgr Corp Consolidated Fin Rptg	2,080.00	42.96	\$103,785.00	\$2,143.20	\$1,085.12	\$3,228.32
032007	CORP-Finance	50285834	Mgr Accounting Standards	2,080.00	42.96	\$100,865.20	\$2,083.39	\$1,054.84	\$3,138.23
032007	CORP-Finance	50289510	Sr Accountant	2,080.00	42.96	\$68,540.95	\$1,416.00	\$716.93	\$2,132.93
032007	CORP-Finance	50321879	Dir Business Performance Rptg	40.00	0.82	\$3,147.20	\$64.50	\$32.66	\$97.16
032007	CORP-Finance	50323983	Financial Analyst III (FP&A)	2,080.00	42.96	\$87,002.80	\$1,796.82	\$909.75	\$2,706.57
032007	CORP-Finance	50366974	Financial Analyst II (FP&A)	2,000.00	41.32	\$56,769.00	\$1,173.00	\$593.90	\$1,766.90
032007	CORP-Finance	50370386	Financial Analyst III (FP&A)	40.00	0.82	\$1,948.20	\$39.95	\$20.23	\$60.18
032007	CORP-Finance	50372988	Financial Analyst III (FP&A)	2,080.00	42.96	\$79,785.01	\$1,648.00	\$834.40	\$2,482.40
032007	CORP-Finance	50380800	VP & Controller	2,080.00	44.72	\$232,999.01	\$5,009.84	\$2,536.53	\$7,546.37
032007	Total			18,800.00	389.39	\$1,128,786.32	\$23,435.92	\$11,865.84	\$35,301.76
032010	CORP-Supply Chain-Sourcing	3017573	Supvr Supply Chain Procrmnt	2,080.00	46.75	\$68,653.00	\$1,542.36	\$780.91	\$2,323.27
032010	CORP-Supply Chain-Sourcing	3017576	Mgr Supply Chain Performance	2,080.00	46.75	\$95,953.00	\$2,157.45	\$1,092.34	\$3,249.79
032010	CORP-Supply Chain-Sourcing	3018061	Analyst Procurement Business	1,912.00	42.97	\$49,150.44	\$1,104.20	\$559.07	\$1,663.27
032010	CORP-Supply Chain-Sourcing	18505488	Dir Supply Chain	2,080.00	46.75	\$151,113.15	\$3,397.08	\$1,719.98	\$5,117.06
032010	CORP-Supply Chain-Sourcing	18506915	Analyst Procurement (N)	2,080.00	46.89	\$48,093.86	\$1,080.86	\$547.25	\$1,628.11
032010	CORP-Supply Chain-Sourcing	50033137	Sr Strategic Buyer	2,080.00	46.75	\$66,292.40	\$1,489.73	\$754.27	\$2,244.00
032010	CORP-Supply Chain-Sourcing	50063939	Admin Asst (N)	2,080.00	46.75	\$41,078.07	\$922.97	\$467.31	\$1,390.28
032010	CORP-Supply Chain-Sourcing	50138198	Analyst Procurement Business	720.00	51.84	\$17,653.86	\$1,271.16	\$643.60	\$1,914.76
032010	CORP-Supply Chain-Sourcing	50138198	Strategic Buyer	640.00	45.89	\$17,846.72	\$1,279.40	\$647.77	\$1,927.17
032010	CORP-Supply Chain-Sourcing	50138250	Sr Strategic Buyer	2,080.00	46.75	\$71,184.00	\$1,600.20	\$810.20	\$2,410.40
032010	CORP-Supply Chain-Sourcing	50139422	Analyst Supply Chain Bus Perf	2,080.00	46.75	\$58,931.08	\$1,324.52	\$670.62	\$1,995.14
032010	CORP-Supply Chain-Sourcing	50146191	Sr Strategic Buyer	2,080.00	46.66	\$85,007.72	\$1,906.51	\$965.29	\$2,871.80
032010	CORP-Supply Chain-Sourcing	50147894	Mgr Procurement Category	2,080.00	46.75	\$105,800.10	\$2,377.97	\$1,203.99	\$3,581.96
032010	CORP-Supply Chain-Sourcing	50149931	Sr Strategic Buyer	2,080.00	46.75	\$68,938.59	\$1,550.11	\$784.84	\$2,334.95
032010	CORP-Supply Chain-Sourcing	50149932	Mgr Procurement Category	2,080.00	46.75	\$111,708.60	\$2,510.60	\$1,271.14	\$3,781.74
032010	CORP-Supply Chain-Sourcing	50157519	Coord Procurement Change	1,584.00	35.64	\$57,290.09	\$1,288.93	\$652.60	\$1,941.53
032010	CORP-Supply Chain-Sourcing	50174686	Mgr Fleet Supply Chain	1,240.00	27.90	\$63,335.20	\$1,424.64	\$721.31	\$2,145.95
032010	CORP-Supply Chain-Sourcing	50205658	Strategic Buyer	2,080.00	46.75	\$83,131.88	\$1,867.82	\$945.70	\$2,813.52
032010	CORP-Supply Chain-Sourcing	50220148	Mgr Energy Supply Chain	2,080.00	46.75	\$96,154.80	\$2,160.42	\$1,093.84	\$3,254.26
032010	CORP-Supply Chain-Sourcing	50248959	Analyst Procurement Business	1,880.00	42.27	\$52,642.35	\$1,183.44	\$599.19	\$1,782.63
032010	CORP-Supply Chain-Sourcing	50248959	Strategic Buyer	200.00	4.48	\$5,977.00	\$134.00	\$67.85	\$201.85
032010	CORP-Supply Chain-Sourcing	50252569	Analyst Procurement Business	2,080.00	35.20	\$55,946.95	\$946.65	\$479.30	\$1,425.95
032010	CORP-Supply Chain-Sourcing	50296657	Sr Strategic Buyer	2,080.00	46.75	\$82,861.08	\$1,862.24	\$942.87	\$2,805.11
032010	CORP-Supply Chain-Sourcing	50300150	Analyst Procurement (N)	2,080.00	46.75	\$39,645.42	\$891.20	\$451.22	\$1,342.42
032010	CORP-Supply Chain-Sourcing	50305173	Mgr Procurement Opns	2,080.00	46.75	\$124,777.72	\$2,805.20	\$1,420.30	\$4,225.50
032010	CORP-Supply Chain-Sourcing	50317568	Strategic Buyer	640.00	46.08	\$19,015.84	\$1,369.60	\$693.44	\$2,063.04
032010	CORP-Supply Chain-Sourcing	50325856	Analyst Procurement Business	2,080.00	46.75	\$52,977.72	\$1,190.40	\$602.71	\$1,793.11
032010	CORP-Supply Chain-Sourcing	50341591	Analyst Procurement (N)	2,080.00	46.89	\$36,159.49	\$812.42	\$411.34	\$1,223.76
032010	CORP-Supply Chain-Sourcing	50354420	Intern	461.00	10.37	\$4,610.00	\$103.74	\$52.52	\$156.26
032010	CORP-Supply Chain-Sourcing	50395812	Analyst Procurement (N)	2,080.00	46.84	\$39,216.08	\$880.92	\$446.02	\$1,326.94
032010	CORP-Supply Chain-Sourcing	50395993	Analyst Procurement Business	2,080.00	46.75	\$53,185.17	\$1,196.39	\$605.74	\$1,802.13
032010	CORP-Supply Chain-Sourcing	50415562	Analyst Procurement Business	2,040.00	45.86	\$52,984.21	\$1,191.80	\$603.42	\$1,795.22
032010	CORP-Supply Chain-Sourcing	50415562	Analyst Supply Chain Bus Perf	40.00	0.90	\$1,061.51	\$23.80	\$12.05	\$35.85
032010	CORP-Supply Chain-Sourcing	50437048	Coordinator Contract Mgt	2,080.00	46.75	\$67,554.80	\$1,518.68	\$768.92	\$2,287.60
032010	CORP-Supply Chain-Sourcing	50481530	Intern	384.00	8.64	\$3,840.00	\$86.40	\$43.75	\$130.15
032010	Total			59,597.00	1,426.85	\$2,049,771.90	\$48,453.81	\$24,532.65	\$72,986.46
032011	CORP-Chief Operating Officer	3000006	Chief Water Technology Officer	80.00	1.79	\$14,942.26	\$334.29	\$169.25	\$503.54
032011	CORP-Chief Operating Officer	3000006	President AW Services	2,000.00	38.62	\$410,575.87	\$7,928.03	\$4,014.04	\$11,942.07
032011	CORP-Chief Operating Officer	3001296	VP Operations Services AWE	1,640.00	36.72	\$172,671.61	\$3,867.22	\$1,958.01	\$5,825.23
032011	CORP-Chief Operating Officer	3001296	VP Operations Services Reg	440.00	9.77	\$46,326.52	\$1,027.88	\$520.43	\$1,548.31
032011	CORP-Chief Operating Officer	17000087	Mgr O&M	200.00	3.01	\$20,857.60	\$382.17	\$193.50	\$575.67
032011	CORP-Chief Operating Officer	18506085	Mgr O&M	480.00	10.75	\$27,811.20	\$622.80	\$315.33	\$938.13
032011	Total			4,840.00	100.66	\$693,185.06	\$14,162.39	\$7,170.56	\$21,332.95
032013	CORP-HR Systems & Processes	50028532	Sr HR Generalist	480.00	10.80	\$16,337.01	\$367.48	\$186.06	\$553.54
032013	CORP-HR Systems & Processes	50162509	Dir HR Strategies & Solutions	2,080.00	41.98	\$154,916.19	\$3,125.45	\$1,582.45	\$4,707.90
032013	CORP-HR Systems & Processes	50487327	Mgr Human Resources	1,344.00	27.04	\$59,262.00	\$1,192.67	\$603.86	\$1,796.53
032013	Total			3,904.00	79.83	\$230,515.20	\$4,685.60	\$2,372.37	\$7,057.97

Tennessee American Water Company
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AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount Billed to TN	Overhead	Total Billed to TN
032014	CORP-Benefits Service Center	3000493	Mgr Benefits	2,080.00	41.98	\$111,997.59	\$2,260.80	\$3,405.47
032014	CORP-Benefits Service Center	3017980	Team Lead Benefits	2,080.00	41.98	\$71,246.37	\$1,437.23	\$2,164.91
032014	CORP-Benefits Service Center	3017982	Sr Specialist Benefits (N)	2,127.00	42.94	\$55,530.19	\$1,120.65	\$1,688.05
032014	CORP-Benefits Service Center	18507766	Supvr Benefits Service Center	2,080.00	41.98	\$87,644.20	\$1,768.60	\$2,664.06
032014	CORP-Benefits Service Center	50064034	Team Lead Reporting & Analysis	2,080.00	41.98	\$73,434.00	\$1,481.40	\$2,231.45
032014	CORP-Benefits Service Center	50139425	Benefits Administrator	2,080.00	41.98	\$66,382.00	\$1,339.00	\$2,016.95
032014	CORP-Benefits Service Center	50164863	Sr Specialist Benefits (N)	2,138.50	43.17	\$51,222.54	\$1,033.96	\$1,557.46
032014	CORP-Benefits Service Center	50239353	Sr Specialist Benefits (N)	2,153.00	43.47	\$51,335.63	\$1,036.55	\$1,561.37
032014	CORP-Benefits Service Center	50255343	Sr Specialist Benefits (N)	2,126.50	42.93	\$50,691.09	\$1,023.23	\$1,541.30
032014	CORP-Benefits Service Center	50255349	Sr Specialist Benefits (N)	2,143.00	43.26	\$50,040.68	\$1,011.10	\$1,523.03
032014	CORP-Benefits Service Center	50280447	Benefits Administrator	2,080.00	27.34	\$62,375.17	\$820.11	\$1,235.34
032014	CORP-Benefits Service Center	50285474	Admin Asst (N)	2,109.00	42.57	\$44,517.88	\$898.53	\$1,353.46
032014	CORP-Benefits Service Center	50427184	Sr Specialist Benefits (N)	2,130.00	43.00	\$50,547.78	\$1,019.86	\$1,536.23
032014	CORP-Benefits Service Center	50436632	Sr Specialist Benefits (N)	2,138.25	43.17	\$50,183.19	\$1,013.45	\$1,526.57
032014	CORP-Benefits Service Center	50458765	Benefits Administrator	2,064.00	41.66	\$61,787.29	\$1,246.91	\$1,878.23
032014 Total				31,609.25	623.43	\$938,935.60	\$18,511.38	\$27,883.88
032015	CORP-Legal	3003344	SVP General Counsel & Secty	1,600.00	26.80	\$238,460.22	\$3,994.34	\$5,016.71
032015	CORP-Legal	3003344	VP & Counsel Reg Prgms	120.00	2.46	\$17,884.50	\$366.60	\$552.21
032015	CORP-Legal	50162507	Chief Ethics & Compliance Off	2,080.00	43.01	\$178,120.17	\$3,683.94	\$5,549.16
032015	CORP-Legal	50263313	Counsel (SEC)	2,080.00	41.67	\$150,966.53	\$3,025.10	\$4,556.74
032015	CORP-Legal	50338072	Corp Counsel III (Contract)	2,080.00	42.96	\$161,697.81	\$3,340.10	\$5,031.23
032015	CORP-Legal	50338153	Corp Counsel III	1,272.00	25.34	\$93,870.42	\$1,869.66	\$2,816.29
032015	CORP-Legal	50338153	Employment & Labor Law Counsel	480.00	8.86	\$36,220.21	\$668.52	\$1,007.00
032015	CORP-Legal	50380834	Paralegal Securities (N)	320.00	6.56	\$10,722.40	\$219.92	\$331.27
032015	CORP-Legal	50380834	Specialist SEC Compliance	1,760.00	36.34	\$59,335.00	\$1,225.20	\$1,845.53
032015	CORP-Legal	50475676	Corp Counsel II (Empl & Lbr)	664.00	13.74	\$33,518.72	\$693.88	\$351.32
032015	CORP-Legal	50479540	Paralegal (Ethics/Comp/E&L)(N)	1,646.00	33.98	\$58,310.57	\$1,203.25	\$1,812.47
032015	CORP-Legal	50511897	SVP General Counsel & Secty	424.00	8.69	\$69,308.10	\$1,420.93	\$2,140.36
032015 Total				14,526.00	290.41	\$1,108,414.65	\$21,711.44	\$32,704.16
032017	CORP-Planning & Reporting	3000003	Mgr Financial Modeling & Evals	560.00	12.60	\$36,348.20	\$817.60	\$1,231.56
032017	CORP-Planning & Reporting	3015490	Financial Analyst III (FP&A)	1,080.00	22.36	\$44,298.21	\$916.71	\$1,380.85
032017	CORP-Planning & Reporting	3015490	Princ Analyst Financial	960.00	19.78	\$46,639.85	\$961.80	\$1,448.77
032017	CORP-Planning & Reporting	3017405	Financial Analyst II (FP&A)	2,080.00	42.87	\$66,189.63	\$1,363.62	\$2,054.03
032017	CORP-Planning & Reporting	3017840	Financial Analyst III (FP&A)	40.00	0.89	\$1,629.30	\$36.07	\$54.33
032017	CORP-Planning & Reporting	18504590	VP Planning & Reporting	1,640.00	33.94	\$172,783.60	\$3,573.72	\$5,383.13
032017	CORP-Planning & Reporting	50037426	Financial Analyst III (FP&A)	2,040.00	42.14	\$83,018.43	\$1,715.42	\$2,583.95
032017	CORP-Planning & Reporting	50048096	Analyst Project	1,680.00	34.76	\$56,633.80	\$1,172.20	\$1,765.70
032017	CORP-Planning & Reporting	50084609	Team Lead GA	2,080.00	42.68	\$82,058.41	\$1,683.74	\$2,536.23
032017	CORP-Planning & Reporting	50251207	Mgr Financial Perf Plng & Rptg	2,080.00	44.05	\$125,231.35	\$2,655.97	\$4,000.71
032017	CORP-Planning & Reporting	50295373	Mgr Business Planning	560.00	11.59	\$31,194.11	\$645.40	\$972.17
032017	CORP-Planning & Reporting	50321879	Dir Business Performance Rptg	2,040.00	42.02	\$157,737.21	\$3,247.83	\$4,892.24
032017	CORP-Planning & Reporting	50370386	Financial Analyst III (FP&A)	2,040.00	37.63	\$97,642.35	\$1,802.22	\$2,714.70
032017	CORP-Planning & Reporting	50393897	Financial Analyst III (FP&A)	1,680.00	55.69	\$64,437.96	\$2,153.37	\$3,243.64
032017	CORP-Planning & Reporting	50393897	Mgr Project Finance (BD)	80.00	7.04	\$3,720.00	\$327.40	\$493.17
032017	CORP-Planning & Reporting	50416867	Financial Analyst II (FP&A)	2,080.00	42.71	\$75,449.83	\$1,550.13	\$2,334.98
032017	CORP-Planning & Reporting	50456146	Sr Analyst Financial	2,040.00	0.83	\$88,687.38	\$35.85	\$181.15
032017 Total				24,760.00	493.57	\$1,233,699.62	\$24,659.05	\$37,144.17
032018	CORP-Human Resources	50387574	VP Human Resources	2,080.00	41.98	\$235,000.98	\$4,743.98	\$7,145.90
032018 Total				2,080.00	41.98	\$235,000.98	\$4,743.98	\$7,145.90
032019	CORP-Operational Risk	50135639	Sr Dir Operational Risk Mgmt	2,080.00	45.43	\$162,512.45	\$3,550.66	\$5,348.39
032019	CORP-Operational Risk	50300261	Mgr Physical Security Div	1,240.00	(0.36)	\$46,179.85	(\$13.49)	(\$20.32)
032019	CORP-Operational Risk	50305144	Sr Mgr Opns Security	160.00	3.58	\$8,147.20	\$182.40	\$274.75
032019	CORP-Operational Risk	50305144	Sr Mgr Physical Security	1,920.00	41.01	\$95,586.40	\$2,040.36	\$3,073.41
032019	CORP-Operational Risk	50325935	Mgr Opns Security	160.00	1.87	\$7,008.69	\$81.71	\$123.08
032019	CORP-Operational Risk	50325935	Mgr Physical Security Div	1,920.00	41.03	\$81,733.28	\$1,745.44	\$2,629.17
032019	CORP-Operational Risk	50366969	Assistant Opnl Risk Mgt (N)	400.00	0.63	\$7,128.94	\$111.18	\$16.84
032019	CORP-Operational Risk	50396017	Specialist Opns Sec Systems (N)	169.30	3.61	\$4,240.90	\$90.52	\$136.35
032019	CORP-Operational Risk	50396017	Specialist Sec Syst Supp (N)	2,018.00	40.73	\$49,107.31	\$990.71	\$1,492.32
032019	CORP-Operational Risk	50396021	Specialist Opns Sec Systems (N)	168.00	3.56	\$4,288.39	\$91.10	\$137.22
032019	CORP-Operational Risk	50396021	Specialist Sec Syst Supp (N)	1,953.50	41.56	\$48,021.20	\$1,021.84	\$1,539.21
032019	CORP-Operational Risk	50401258	Specialist Opns Security	160.00	0.18	\$4,031.00	\$4.51	\$6.79
032019	CORP-Operational Risk	50401258	Specialist Physical Security	1,920.00	(1.99)	\$47,484.08	(\$48.08)	(\$72.42)
032019	CORP-Operational Risk	50478575	Sr Specialist Sec Syst Supp	1,680.00	34.57	\$50,696.41	\$1,043.20	\$1,571.38
032019 Total				15,948.80	255.42	\$616,166.10	\$10,792.06	\$16,256.19
032020	CORP-Corporate Bus Development	3000003	Mgr Financial Modeling & Evals	40.00	0.82	\$2,596.30	\$53.20	\$80.14
032020	CORP-Corporate Bus Development	3000003	Sr Mgr Corporate Dev	440.00	4.57	\$28,559.28	\$296.81	\$447.09
032020	CORP-Corporate Bus Development	50031457	Proposal Writer	1,160.00	3.96	\$59,294.40	\$255.82	\$385.34
032020	CORP-Corporate Bus Development	50031457	Sr Proposal Manager	920.00	3.61	\$45,390.12	\$177.58	\$267.49
032020	CORP-Corporate Bus Development	50031723	Dir Business Development	1,880.00	21.06	\$163,625.91	\$1,832.12	\$2,759.74
032020	CORP-Corporate Bus Development	50031723	Dir Marketing	200.00	2.24	\$17,307.50	\$193.75	\$291.85
032020	CORP-Corporate Bus Development	50198748	Sr Mgr Corporate Dev	2,080.00	23.03	\$128,965.59	\$1,428.39	\$2,151.60
032020	CORP-Corporate Bus Development	50329829	Mgr Corp Development	2,080.00	23.30	\$96,725.16	\$1,084.37	\$1,633.40
032020	CORP-Corporate Bus Development	50455214	SVP Corp Business Development	2,080.00	23.21	\$279,999.20	\$3,123.54	\$4,705.02
032020	CORP-Corporate Bus Development	50493821	Specialist Sales Support	1,080.00	12.10	\$31,153.95	\$348.30	\$524.65
032020 Total				11,960.00	117.88	\$853,617.41	\$8,793.88	\$13,246.31
032022	CORP-Government Affairs	18507512	Dir Govt Affairs (Corp)	2,080.00	41.14	\$150,622.00	\$2,978.20	\$4,486.09
032022 Total				2,080.00	41.14	\$150,622.00	\$2,978.20	\$4,486.09
032023	CORP-Eastern Division Ops	12000052	SVP Eastern Division	2,080.00	46.49	\$249,997.81	\$5,586.83	\$8,415.50
032023	CORP-Eastern Division Ops	50343492	Dir Finance Division	240.00	21.24	\$28,657.57	\$2,536.22	\$3,820.33
032023	CORP-Eastern Division Ops	50343492	Regional Dir Finance	160.00	14.16	\$11,923.00	\$1,055.20	\$1,589.46
032023	CORP-Eastern Division Ops	50481432	Exec Asst (N)	240.00	21.24	\$5,169.60	\$457.51	\$689.15
032023	CORP-Eastern Division Ops	50487219	Mgr FP&A	40.00	3.54	\$1,846.15	\$163.40	\$246.13
032023 Total				2,760.00	106.67	\$297,594.13	\$9,799.16	\$14,760.57
032025	CORP-External Affairs	50302416	VP Communications	2,080.00	41.14	\$327,002.00	\$6,466.80	\$9,741.01
032025 Total				2,080.00	41.14	\$327,002.00	\$6,466.80	\$9,741.01
032026	CORP-Regulated Ops	50031364	President & COO Regulated Opns	80.00	1.79	\$17,884.60	\$400.60	\$603.43
032026	CORP-Regulated Ops	50031364	President Regulated Operations	2,000.00	44.96	\$432,692.45	\$9,726.50	\$14,651.12
032026 Total				2,080.00	46.75	\$450,577.05	\$10,127.10	\$15,254.55
032027	CORP-Reporting & Compliance	50048096	Analyst Project	120.00	2.46	\$4,112.70	\$84.30	\$126.98

Tennessee American Water Company
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AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032027	CORP-Reporting & Compliance	50048096	Exec Asst to EMT (N)	280.00	5.74	\$9,596.35	\$196.70	\$99.59	\$296.29
032027	CORP-Reporting & Compliance	50244430	Dir Internal Controls	2,080.00	42.96	\$158,655.61	\$3,276.59	\$1,658.97	\$4,935.56
032027	CORP-Reporting & Compliance	50316396	Mgr Internal Control IT	2,080.00	42.96	\$116,875.45	\$2,413.30	\$1,221.88	\$3,635.18
032027	CORP-Reporting & Compliance	50343550	Dir Financial Compliance	720.00	14.28	\$58,464.00	\$1,160.34	\$587.49	\$1,747.83
032027	CORP-Reporting & Compliance	50372978	Sr Mgr Compliance (Region)	480.00	32.03	\$27,801.60	\$1,855.47	\$939.44	\$2,794.91
032027	CORP-Reporting & Compliance	50383269	Sr Analyst Intrnl Cntl-Fin Rpt	2,080.00	42.96	\$80,698.80	\$1,665.60	\$843.31	\$2,508.91
032027	CORP-Reporting & Compliance	50398100	Sr Mgr Compliance (Region)	480.00	24.25	\$32,567.44	\$1,645.55	\$833.16	\$2,478.71
032027	CORP-Reporting & Compliance	50406143	Financial Analyst II (FP&A)	480.00	224.64	\$14,808.60	\$6,930.46	\$3,508.96	\$10,439.42
032027	CORP-Reporting & Compliance	50409428	Analyst Capital Cmpl (Region)	440.00	14.96	\$14,411.89	\$489.97	\$248.08	\$738.05
032027	CORP-Reporting & Compliance	50424629	Sr Analyst Intrnl Cntl-Fin Rpt	2,080.00	42.96	\$88,961.00	\$1,837.60	\$930.40	\$2,768.00
032027	CORP-Reporting & Compliance	50425918	Analyst Intrl Cntl-Fin Rptng	2,080.00	42.96	\$68,348.00	\$1,410.41	\$714.10	\$2,124.51
032027	CORP-Reporting & Compliance	50430854	Financial Analyst III (Region)	480.00	24.25	\$18,730.86	\$946.44	\$479.19	\$1,425.63
032027	CORP-Reporting & Compliance	50441512	Sr Analyst Intrnl Cntl-Fin Rpt	2,080.00	42.96	\$84,436.40	\$1,744.19	\$883.10	\$2,627.29
032027	CORP-Reporting & Compliance	50496510	Sr Analyst Internal Control IT	696.00	14.37	\$28,442.04	\$587.45	\$297.43	\$884.88
032027 Total				16,656.00	614.75	\$806,910.74	\$26,244.37	\$13,287.79	\$39,532.16
032028	CORP-ED Human Resources	50279309	Regional Dir HR	2,000.00	175.34	\$218,378.71	\$19,216.89	\$9,729.70	\$28,946.59
032028	CORP-ED Human Resources	50417711	Mgr Human Resources	600.00	25.06	\$35,612.64	\$1,613.94	\$817.15	\$2,431.09
032028	CORP-ED Human Resources	50428152	Exec Asst (N)	2,008.30	142.56	\$45,646.54	\$3,213.37	\$1,626.96	\$4,840.33
032028 Total				4,608.30	342.96	\$299,637.89	\$24,044.20	\$12,173.82	\$36,218.02
032030	CORP-ITS Client Rel Admn	50043338	Dir Client Svcs Support ITS	2,038.00	37.76	\$142,886.97	\$2,647.18	\$1,340.29	\$3,987.47
032030 Total				2,038.00	37.76	\$142,886.97	\$2,647.18	\$1,340.29	\$3,987.47
032031	CORP-Service Desk	3000071	Spec Business App Supp ITS (N)	1,960.00	44.06	\$72,419.56	\$1,627.80	\$824.17	\$2,451.97
032031	CORP-Service Desk	3000198	Spec Business App Supp ITS (N)	40.00	0.90	\$1,383.60	\$31.15	\$15.77	\$46.92
032031	CORP-Service Desk	3014656	Spec Business App Supp ITS (N)	1,976.00	44.42	\$79,753.30	\$1,792.78	\$907.70	\$2,700.48
032031	CORP-Service Desk	3018190	Specialist Client Supp I (N)	2,080.00	44.59	\$41,906.31	\$899.02	\$455.18	\$1,354.20
032031	CORP-Service Desk	18507504	Specialist Client Supp II (N)	2,129.00	45.88	\$71,141.66	\$1,534.39	\$776.88	\$2,311.27
032031	CORP-Service Desk	18507782	Specialist Client Supp II (N)	2,101.75	45.26	\$65,512.25	\$1,411.39	\$714.60	\$2,125.99
032031	CORP-Service Desk	50078247	Mgr Regional Client Rel ITS	2,080.00	33.88	\$109,403.09	\$1,781.95	\$902.22	\$2,684.17
032031	CORP-Service Desk	50079284	Team Lead IT Regional Supp (N)	40.00	0.68	\$1,938.60	\$32.70	\$16.56	\$49.26
032031	CORP-Service Desk	50085804	Specialist Client Supp II (N)	2,097.00	43.60	\$60,848.95	\$1,265.32	\$640.54	\$1,905.96
032031	CORP-Service Desk	50093089	Sr Analyst Business Reporting	1,976.00	43.46	\$73,712.27	\$1,620.15	\$820.30	\$2,440.45
032031	CORP-Service Desk	50296723	Specialist Client Supp I (N)	2,103.00	44.50	\$43,791.34	\$922.12	\$466.88	\$1,389.00
032031	CORP-Service Desk	50392608	Spec Business App Supp ITS (N)	1,970.00	43.81	\$60,046.47	\$1,336.21	\$676.54	\$2,012.75
032031	CORP-Service Desk	50444433	Specialist Client Supp I (N)	2,083.25	44.80	\$41,065.62	\$883.30	\$447.22	\$1,330.52
032031	CORP-Service Desk	50513023	Specialist Client Supp I (N)	362.00	7.75	\$7,853.51	\$168.29	\$85.21	\$253.50
032031 Total				22,998.00	487.60	\$730,776.53	\$15,306.57	\$7,749.87	\$23,056.44
032032	CORP-ITS-BAD-Core Shared	18502615	Sr Developer ITS (PA) (N)	2,000.00	16.42	\$87,745.45	\$716.83	\$362.94	\$1,079.77
032032	CORP-ITS-BAD-Core Shared	18502615	Mgr Business Development ITS	40.00	0.90	\$2,141.65	\$48.20	\$24.40	\$72.60
032032	CORP-ITS-BAD-Core Shared	18507926	Spec Business App Supp ITS (N)	40.00	0.50	\$1,296.00	\$16.05	\$8.13	\$24.18
032032	CORP-ITS-BAD-Core Shared	24007267	Analyst Business ITS	40.00	0.29	\$1,198.40	\$8.75	\$4.43	\$13.18
032032	CORP-ITS-BAD-Core Shared	50079284	Team Lead IT Regional Supp (N)	2,063.00	45.65	\$101,974.99	\$2,256.59	\$1,142.53	\$3,399.12
032032	CORP-ITS-BAD-Core Shared	50095946	Sr Developer ITS	40.00	0.23	\$1,749.29	\$9.84	\$4.98	\$14.82
032032	CORP-ITS-BAD-Core Shared	50095946	Sr Developer ITS (PA) (N)	280.00	3.80	\$14,002.62	\$205.85	\$104.22	\$310.07
032032	CORP-ITS-BAD-Core Shared	50301234	Analyst QA ITS	2,040.00	45.85	\$60,483.05	\$1,358.45	\$687.80	\$2,046.25
032032	CORP-ITS-BAD-Core Shared	50344468	Team Lead Appl Dev ITS	2,033.00	40.12	\$91,374.36	\$1,804.17	\$913.47	\$2,717.64
032032	CORP-ITS-BAD-Core Shared	50371641	Sr Developer ITS	40.00	0.63	\$1,557.00	\$24.52	\$12.41	\$36.93
032032	CORP-ITS-BAD-Core Shared	50371641	Sr Developer ITS (PA) (N)	2,018.50	38.00	\$79,599.82	\$1,499.66	\$759.29	\$2,258.95
032032	CORP-ITS-BAD-Core Shared	50411481	Lead Programmer Analyst ITS	320.00	4.66	\$16,343.67	\$237.94	\$120.47	\$358.41
032032	CORP-ITS-BAD-Core Shared	50411481	Lead Specialist Supp ITS (N)	400.00	7.34	\$19,845.89	\$365.84	\$185.23	\$551.07
032032	CORP-ITS-BAD-Core Shared	50411481	Web Master ITS	1,320.00	11.68	\$64,207.77	\$568.30	\$287.74	\$856.04
032032	CORP-ITS-BAD-Core Shared	50437053	Specialist Web Groupware ITS	2,040.00	45.85	\$93,829.51	\$2,108.71	\$1,067.66	\$3,176.37
032032	CORP-ITS-BAD-Core Shared	50451155	Mgr Application Dev ITS	2,080.00	44.27	\$130,900.05	\$2,782.28	\$1,408.70	\$4,190.98
032032	CORP-ITS-BAD-Core Shared	50482529	Sr Developer ITS	1,520.00	34.15	\$55,067.21	\$1,237.30	\$626.46	\$1,863.76
032032	CORP-ITS-BAD-Core Shared	50511484	Sr Developer ITS	360.00	8.06	\$16,442.10	\$368.10	\$186.37	\$554.47
032032 Total				18,674.50	348.41	\$839,758.83	\$15,617.38	\$7,907.24	\$23,524.62
032033	Chg Ctrl & Desktop Automation	18613500	Mgr Appl Admn & Security ITS	2,080.00	40.82	\$101,506.54	\$1,991.61	\$1,008.37	\$2,999.98
032033	Chg Ctrl & Desktop Automation	50138216	Spec HP Openview Config ITS	2,080.00	43.29	\$64,572.36	\$1,344.13	\$680.55	\$2,024.68
032033 Total				4,160.00	84.10	\$166,078.90	\$3,335.74	\$1,688.92	\$5,024.66
032034	CORP-ITS Appl Adm & Security	3000071	Spec Business App Supp ITS (N)	40.00	0.90	\$1,477.95	\$33.25	\$16.83	\$50.08
032034	CORP-ITS Appl Adm & Security	3000198	Spec Business App Supp ITS (N)	40.00	0.90	\$1,383.60	\$31.15	\$15.77	\$46.92
032034	CORP-ITS Appl Adm & Security	3014656	Spec Business App Supp ITS (N)	40.00	0.90	\$1,459.40	\$32.85	\$16.63	\$49.48
032034	CORP-ITS Appl Adm & Security	50079284	Team Lead Data ITS	40.00	0.90	\$1,938.60	\$43.60	\$22.08	\$65.68
032034	CORP-ITS Appl Adm & Security	50392608	Spec Business App Supp ITS (N)	40.00	0.90	\$1,205.75	\$27.15	\$13.75	\$40.90
032034 Total				200.00	4.50	\$7,465.30	\$168.00	\$85.06	\$253.06
032035	CORP-ITS Sec Arch & Strategy	50025608	Dir Entrprse Arch Security ITS	232.00	5.17	\$26,642.74	\$595.11	\$301.31	\$896.42
032035 Total				232.00	5.17	\$26,642.74	\$595.11	\$301.31	\$896.42
032037	CORP-Investor Relations	3000528	Exec Asst (N)	2,091.50	0.08	\$56,385.44	\$2.23	\$1.13	\$3.36
032037	CORP-Investor Relations	3002235	VP Investor Relations	2,080.00	20.90	\$208,935.16	\$2,100.84	\$1,063.68	\$3,164.52
032037	CORP-Investor Relations	50404678	Mgr Investor Relations	2,080.00	21.52	\$98,526.47	\$1,020.15	\$516.51	\$1,536.66
032037 Total				6,251.50	42.50	\$363,847.07	\$3,123.22	\$1,581.32	\$4,704.54
032040	CORP-Business Transformation	3016678	Mgr Billing & Collections	240.00	5.40	\$9,509.40	\$213.90	\$108.30	\$322.20
032040	CORP-Business Transformation	18507838	Mgr Planning Performance ITS	1,520.00	0.14	\$87,525.28	\$7.72	\$3.91	\$11.63
032040	CORP-Business Transformation	18507918	Project Mgr ITS	2,080.00	11.70	\$95,208.06	\$516.61	\$261.56	\$778.17
032040	CORP-Business Transformation	18722108	Dir Cust & Oper Support	240.00	5.40	\$20,192.40	\$454.20	\$229.97	\$684.17
032040	CORP-Business Transformation	50142995	Mgr Procurement	240.00	5.40	\$10,661.40	\$240.00	\$121.51	\$361.51
032040	CORP-Business Transformation	50166427	Mgr Engineering	240.00	5.40	\$12,121.80	\$272.70	\$138.07	\$410.77
032040	CORP-Business Transformation	50216176	Dir HR	240.00	5.40	\$16,731.00	\$376.50	\$190.63	\$567.13
032040	CORP-Business Transformation	50285804	VP Business Transformation	2,080.00	14.40	\$240,000.80	\$1,661.60	\$841.28	\$2,502.88
032040	CORP-Business Transformation	50325156	Dir Financial Services	240.00	5.40	\$17,760.00	\$399.63	\$202.34	\$601.97
032040 Total				7,120.00	58.64	\$509,710.14	\$4,142.86	\$2,097.57	\$6,240.43
032047	CORP-Income Tax	3000201	Sr Accountant Tax	1,912.00	37.54	\$86,941.16	\$1,706.83	\$864.19	\$2,571.02
032047	CORP-Income Tax	3017934	Sr Accountant Tax	1,984.00	44.59	\$85,188.39	\$1,915.51	\$969.84	\$2,885.35
032047	CORP-Income Tax	50302535	Sr Accountant Tax	2,080.00	46.75	\$85,918.00	\$1,930.80	\$977.58	\$2,908.38
032047	CORP-Income Tax	50342449	Sr Accountant Tax	2,080.00	46.75	\$74,628.40	\$1,678.00	\$849.59	\$2,527.59
032047	CORP-Income Tax	50342549	Dir Tax	2,080.00	46.75	\$181,335.00	\$4,075.40	\$2,063.42	\$6,138.82
032047	CORP-Income Tax	50362641	Intrnd Accountant Tax	1,800.00	40.45	\$69,284.23	\$1,557.43	\$788.54	\$2,345.97
032047	CORP-Income Tax	50362641	Sr Accountant Tax	280.00	6.30	\$10,777.53	\$242.53	\$122.80	\$365.33
032047	CORP-Income Tax	50363548	Specialist Income Tax (N)	2,186.75	49.15	\$51,685.56	\$1,161.62	\$588.14	\$1,749.76
032047	CORP-Income Tax	50366906	Sr Accountant Tax	760.00	17.10	\$37,275.89	\$838.46	\$424.52	\$1,262.98

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032047	CORP-Income Tax	50366973	Team Lead Tax Compliance	2,080.00	46.75	\$119,114.40	\$2,678.20	\$1,356.00	\$4,034.20
032047	CORP-Income Tax	50366975	5r Accountant Tax	2,080.00	46.75	\$89,868.43	\$2,020.70	\$1,023.10	\$3,043.80
032047	CORP-Income Tax	50399167	5r Accountant Tax	2,080.00	46.75	\$82,499.60	\$1,853.80	\$938.60	\$2,792.40
032047	CORP-Income Tax	50405205	Team Lead Tax Regltry Acctng	2,080.00	46.75	\$107,608.60	\$2,419.60	\$1,225.07	\$3,644.67
032047	CORP-Income Tax	50405291	5r Accountant Tax	1,536.00	34.51	\$66,067.44	\$1,484.76	\$751.75	\$2,236.51
032047	CORP-Income Tax	50434673	Intmd Accountant Tax	2,080.00	46.75	\$55,305.19	\$1,243.00	\$629.34	\$1,872.34
032047	CORP-Income Tax	50442588	Accountant Tax (N)	2,105.00	47.31	\$53,309.29	\$1,198.51	\$606.82	\$1,805.33
032047	CORP-Income Tax	50443021	Team Lead Tax Regltry Acctng	1,760.00	39.58	\$78,006.20	\$1,754.00	\$888.07	\$2,642.07
032047	CORP-Income Tax	50447669	Intern	438.00	9.86	\$7,884.00	\$177.45	\$89.84	\$267.29
032047	CORP-Income Tax	50471486	5r Accountant Tax	1,880.00	42.25	\$63,697.46	\$1,431.90	\$724.99	\$2,156.89
032047	CORP-Income Tax	50513036	Mgr Tax - Income	336.00	7.53	\$21,807.66	\$488.46	\$247.31	\$735.77
032047 Total				33,617.75	750.20	\$1,428,202.43	\$31,856.96	\$16,129.50	\$47,986.46
032048	CORP-HR Health & Wellness	50502444	Mgr Health & Wellness	320.00	6.34	\$14,976.80	\$296.40	\$150.07	\$446.47
032048 Total				320.00	6.34	\$14,976.80	\$296.40	\$150.07	\$446.47
032051	CORP-Bsns Trans-Procure To Pay	50142995	Mgr Procurement	1,840.00	34.00	\$82,217.45	\$1,514.66	\$766.89	\$2,281.55
032051 Total				1,840.00	34.00	\$82,217.45	\$1,514.66	\$766.89	\$2,281.55
032052	CORP-Bsns Trans-Recruit To Ret	50216176	Dir HR	1,840.00	34.72	\$129,023.38	\$2,427.15	\$1,228.89	\$3,656.04
032052 Total				1,840.00	34.72	\$129,023.38	\$2,427.15	\$1,228.89	\$3,656.04
032053	CORP-Bsns Trans-Record To Rpt	50325156	Dir Financial Services	1,832.00	33.49	\$136,367.26	\$2,483.74	\$1,257.54	\$3,741.28
032053 Total				1,832.00	33.49	\$136,367.26	\$2,483.74	\$1,257.54	\$3,741.28
032054	CORP-Bsns Trans-Order To Cash	3016678	Mgr Billing & Collections	1,856.00	34.36	\$73,982.15	\$1,364.50	\$690.86	\$2,055.36
032054 Total				1,856.00	34.36	\$73,982.15	\$1,364.50	\$690.86	\$2,055.36
032055	CORP-Bsns Trans-Plan, Bld, Ret	50166427	Mgr Engineering	1,840.00	34.00	\$93,479.23	\$1,721.16	\$871.44	\$2,592.60
032055 Total				1,840.00	34.00	\$93,479.23	\$1,721.16	\$871.44	\$2,592.60
032056	CORP-Bsns Trans-Ord To Compl	18722108	Dir Cust & Oper Support	1,840.00	34.00	\$155,717.12	\$2,866.80	\$1,451.49	\$4,318.29
032056 Total				1,840.00	34.00	\$155,717.12	\$2,866.80	\$1,451.49	\$4,318.29
032057	CORP-Treasury	3000003	Mgr Financial Modeling & Evals	1,040.00	22.18	\$67,503.80	\$1,439.35	\$728.76	\$2,168.11
032057	CORP-Treasury	3002435	5r Analyst Cash Management	1,960.00	40.50	\$54,792.55	\$1,131.17	\$572.72	\$1,703.89
032057	CORP-Treasury	3012250	5r Analyst Cash Management	2,080.00	24.08	\$72,892.89	\$843.74	\$427.19	\$1,270.93
032057	CORP-Treasury	3016028	Dir Insurance & Risk Mgt	2,080.00	31.87	\$132,245.33	\$2,026.72	\$1,026.15	\$3,052.87
032057	CORP-Treasury	3017514	5r Analyst Cash Management	2,080.00	10.67	\$66,990.04	\$342.00	\$173.16	\$515.16
032057	CORP-Treasury	18504602	Prnc Analyst Treasury Svcs	2,080.00	32.45	\$108,778.80	\$1,697.32	\$859.37	\$2,556.69
032057	CORP-Treasury	50074146	Mgr Cash - Corp Treas	2,080.00	29.45	\$89,172.92	\$1,264.19	\$640.07	\$1,904.26
032057	CORP-Treasury	50164869	Sr Mgr Fin Eval & Analysis	800.00	5.34	\$50,796.52	\$345.56	\$174.96	\$520.52
032057	CORP-Treasury	50180242	VP & Treasurer	2,080.00	45.43	\$224,998.84	\$4,913.70	\$2,487.86	\$7,401.56
032057	CORP-Treasury	50295373	Mgr Business Planning	1,520.00	31.33	\$85,672.32	\$1,765.02	\$893.65	\$2,658.67
032057	CORP-Treasury	50297652	Mgr Financial Eval & Analysis	2,080.00	42.74	\$95,288.23	\$1,960.44	\$992.59	\$2,953.03
032057	CORP-Treasury	50305142	Sr Analyst Risk Mgmt	2,080.00	42.96	\$101,534.60	\$2,098.20	\$1,062.34	\$3,160.54
032057	CORP-Treasury	50344466	Analyst Cash Management	2,080.00	42.09	\$51,946.58	\$1,049.81	\$531.53	\$1,581.34
032057	CORP-Treasury	50393897	Mgr Project Finance (BD)	320.00	25.34	\$14,880.00	\$1,178.64	\$596.76	\$1,775.40
032057	CORP-Treasury	50455187	Asst Treasurer	2,080.00	40.46	\$142,769.53	\$2,774.60	\$1,404.81	\$4,179.41
032057	CORP-Treasury	50484238	Intern	162.00	3.65	\$2,119.00	\$47.68	\$24.14	\$71.82
032057 Total				26,602.00	470.51	\$1,362,381.95	\$24,878.14	\$12,596.05	\$37,474.19
032060	CORP-Audit	50171199	5r Internal Auditor	2,080.00	42.96	\$91,510.43	\$1,889.55	\$956.70	\$2,846.25
032060	CORP-Audit	50269681	5r Internal Auditor IT	2,080.00	42.96	\$88,318.14	\$1,823.52	\$923.27	\$2,746.79
032060	CORP-Audit	50295540	Internal Auditor IT	1,640.00	33.94	\$55,724.65	\$1,152.79	\$583.67	\$1,736.46
032060	CORP-Audit	50295540	5r Internal Auditor IT	440.00	9.02	\$16,111.14	\$330.54	\$167.36	\$497.90
032060	CORP-Audit	50303423	Dir Financial Services	40.00	0.83	\$2,403.85	\$49.75	\$25.19	\$74.94
032060	CORP-Audit	50303423	Mgr Internal Audit	40.00	0.83	\$2,403.85	\$49.75	\$25.19	\$74.94
032060	CORP-Audit	50310460	5r Internal Auditor	2,080.00	42.96	\$92,393.80	\$1,908.39	\$966.24	\$2,874.63
032060	CORP-Audit	50401268	Mgr Internal Audit	2,080.00	42.96	\$135,347.77	\$2,796.32	\$1,415.80	\$4,212.12
032060	CORP-Audit	50425759	5r Internal Auditor IT	2,080.00	42.96	\$84,017.20	\$1,725.35	\$873.56	\$2,598.91
032060	CORP-Audit	50449162	5r Internal Auditor IT	1,598.00	33.08	\$63,497.18	\$1,314.65	\$665.62	\$1,980.27
032060	CORP-Audit	50465100	VP Internal Audit	1,960.00	40.48	\$180,134.77	\$3,720.57	\$1,883.76	\$5,604.33
032060	CORP-Audit	50479463	Exec Asst (N)	32.00	0.66	\$730.80	\$15.12	\$7.66	\$22.78
032060	CORP-Audit	50483398	Mgr Internal Audit	1,480.00	30.54	\$95,888.63	\$1,978.77	\$1,001.87	\$2,980.64
032060 Total				17,630.00	364.17	\$908,482.21	\$18,755.07	\$9,495.88	\$28,250.95
032064	CORP-Operational Performance	17000087	Mgr O&M	1,600.00	36.12	\$92,701.56	\$2,091.41	\$1,058.90	\$3,150.31
032064	CORP-Operational Performance	18505461	Mgr O&M	1,360.00	28.30	\$64,787.37	\$1,347.31	\$682.16	\$2,029.47
032064	CORP-Operational Performance	18506085	Mgr O&M	1,600.00	36.97	\$90,443.85	\$2,088.66	\$1,057.51	\$3,146.17
032064	CORP-Operational Performance	24007290	Dir Process & Systems Mgmt	1,680.00	32.68	\$133,570.31	\$2,598.32	\$1,315.56	\$3,913.88
032064	CORP-Operational Performance	50089917	Admin Asst (BOP)(N)	680.00	-	\$15,326.20	\$9.56	\$4.84	\$14.40
032064 Total				6,920.00	134.06	\$396,829.29	\$8,135.26	\$4,118.96	\$12,254.22
032065	CORP-Asset Management	3000370	Mgr Engineering	2,080.00	41.20	\$125,668.74	\$2,488.06	\$1,259.73	\$3,747.79
032065	CORP-Asset Management	3000821	Sr Dir Engineering (Corp)	2,080.00	45.12	\$164,851.45	\$3,575.92	\$1,810.52	\$5,386.44
032065	CORP-Asset Management	3001286	Mgr Eng-Enterprise Capital Prg	2,080.00	44.68	\$119,971.13	\$2,574.24	\$1,303.36	\$3,877.60
032065	CORP-Asset Management	50028816	Engineer	80.00	1.37	\$2,515.36	\$43.14	\$21.84	\$64.98
032065	CORP-Asset Management	50028816	Project Mgr Engr	2,000.00	28.27	\$69,623.28	\$985.85	\$499.15	\$1,485.00
032065	CORP-Asset Management	50089917	Specialist Engrg (N)	520.00	11.65	\$12,299.95	\$275.70	\$139.59	\$415.29
032065	CORP-Asset Management	50290616	Administrator Capital Program	2,080.00	46.73	\$60,999.61	\$1,369.73	\$693.51	\$2,063.24
032065	CORP-Asset Management	50296589	Sr Project Mgr GIS	1,440.00	21.75	\$66,253.55	\$1,004.76	\$508.77	\$1,513.48
032065	CORP-Asset Management	50297664	Administrator Capital Program	1,440.00	32.35	\$41,977.15	\$942.74	\$477.32	\$1,420.06
032065	CORP-Asset Management	50344460	Engr Planning	2,080.00	22.24	\$80,961.74	\$866.18	\$438.56	\$1,304.74
032065	CORP-Asset Management	50415566	Sr Engr Planning	2,080.00	8.36	\$92,309.30	\$371.57	\$188.13	\$559.70
032065	CORP-Asset Management	50420131	Engineer	2,080.00	40.46	\$56,299.86	\$1,092.84	\$553.32	\$1,646.16
032065	CORP-Asset Management	50422219	Engineer	1,880.00	9.40	\$49,495.55	\$247.55	\$125.34	\$372.89
032065	CORP-Asset Management	50424631	Administrator Capital Program	240.00	5.40	\$8,423.09	\$189.60	\$96.00	\$285.60
032065	CORP-Asset Management	50424631	Project Mgr Captl Prgm	1,840.00	38.38	\$64,923.17	\$1,353.04	\$685.06	\$2,038.10
032065	CORP-Asset Management	50478576	Intern (N)	820.00	11.35	\$14,760.00	\$204.29	\$103.43	\$307.72
032065	CORP-Asset Management	50482425	Engineer	1,520.00	15.72	\$39,715.73	\$410.20	\$207.69	\$617.89
032065	CORP-Asset Management	50491512	Intern	791.50	9.40	\$14,247.00	\$169.33	\$85.73	\$255.06
032065	CORP-Asset Management	50512224	Intern (N)	413.00	8.33	\$7,227.50	\$145.99	\$73.92	\$219.91
032065 Total				27,544.50	442.16	\$1,092,523.16	\$18,310.73	\$9,270.91	\$27,581.64
032066	CORP-Innov & Env Stewardship	3000047	Dir Res & Environ Excellence	2,080.00	45.07	\$160,745.37	\$3,481.96	\$1,762.95	\$5,244.91
032066	CORP-Innov & Env Stewardship	3016148	5r Scientist Environmental	2,080.00	48.15	\$95,325.90	\$2,206.46	\$1,117.15	\$3,323.61
032066	CORP-Innov & Env Stewardship	9006556	Environ Auditor/Scientist	2,080.00	23.64	\$80,959.21	\$921.43	\$466.53	\$1,387.96
032066	CORP-Innov & Env Stewardship	50168889	Practice Lead Engineering	640.00	13.05	\$36,153.70	\$737.30	\$373.30	\$1,110.60
032066	CORP-Innov & Env Stewardship	50168889	Practice Lead Water Infrastruc	1,780.00	27.69	\$72,903.94	\$1,578.13	\$799.02	\$2,377.15
032066	CORP-Innov & Env Stewardship	50168889	Sr Engr Infrastructure	160.00	3.31	\$8,738.40	\$180.58	\$91.43	\$272.01

Tennessee American Water Company
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AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032066	CORP-Innov & Env Stewardship	50194935	Techl Mgr Commercial WW Proj	2,080.00	12.76	\$127,524.39	\$783.52	\$396.70	\$1,180.22
032066	CORP-Innov & Env Stewardship	50196563	Analyst Research	120.00	2.82	\$2,731.80	\$64.20	\$32.51	\$96.71
032066	CORP-Innov & Env Stewardship	50196563	Sr Analyst Research	1,960.00	45.99	\$49,163.76	\$1,153.84	\$584.20	\$1,738.04
032066	CORP-Innov & Env Stewardship	50198714	Mgr Environ Compliance/Stwdshp	2,080.00	46.66	\$103,010.14	\$2,310.63	\$1,169.90	\$3,480.53
032066	CORP-Innov & Env Stewardship	50201159	Sr Engr Environmental	2,080.00	46.26	\$109,734.44	\$2,441.90	\$1,236.36	\$3,678.26
032066	CORP-Innov & Env Stewardship	50245580	Engr Environmental	2,080.00	42.93	\$89,011.65	\$1,837.36	\$930.27	\$2,767.63
032066	CORP-Innov & Env Stewardship	50295539	Sr Analyst Research	2,080.00	47.18	\$68,016.15	\$1,542.91	\$781.19	\$2,324.10
032066	CORP-Innov & Env Stewardship	50318719	Engr Environmental	2,080.00	27.92	\$80,817.91	\$1,083.90	\$548.79	\$1,632.69
032066	CORP-Innov & Env Stewardship	50375601	Environ Auditor/Scientist	2,080.00	20.94	\$67,619.89	\$682.41	\$345.51	\$1,027.92
032066	CORP-Innov & Env Stewardship	50392849	Intern	234.00	5.27	\$3,042.00	\$68.44	\$34.65	\$103.09
032066	CORP-Innov & Env Stewardship	50395077	Analyst Research	1,571.50	6.86	\$43,027.69	\$187.28	\$94.82	\$282.10
032066	CORP-Innov & Env Stewardship	50404178	Water Quality Technician (N)	2,080.00	31.74	\$42,970.46	\$652.36	\$330.30	\$982.66
032066	CORP-Innov & Env Stewardship	50455202	Intern	573.50	13.26	\$7,455.50	\$172.25	\$87.21	\$259.46
032066	CORP-Innov & Env Stewardship	50465086	Intern	152.00	3.48	\$1,976.00	\$45.16	\$22.86	\$68.02
032066	CORP-Innov & Env Stewardship	50482365	Intern	480.00	10.80	\$7,200.00	\$162.00	\$82.02	\$244.02
032066	CORP-Innov & Env Stewardship	50482423	Engr Environmental	1,560.00	28.62	\$56,950.32	\$1,043.37	\$528.27	\$1,571.64
032066	CORP-Innov & Env Stewardship	50490764	Intern	693.00	15.92	\$10,395.00	\$238.89	\$120.95	\$359.84
032066	CORP-Innov & Env Stewardship	50519031	Intern	49.00	1.10	\$735.00	\$16.48	\$8.34	\$24.82
032066 Total				32,353.00	571.40	\$1,326,208.62	\$23,592.76	\$11,945.25	\$35,538.01
032068	CORP-Marketing	50318715	Dir Advertising & Marketing	2,080.00	41.14	\$143,224.40	\$2,831.82	\$1,433.78	\$4,265.60
032068	CORP-Marketing	50324050	Mgr Advertising	2,080.00	41.14	\$93,779.43	\$1,854.40	\$938.90	\$2,793.30
032068	CORP-Marketing	50325170	Brand Manager	2,080.00	41.14	\$91,324.03	\$1,806.40	\$914.60	\$2,721.00
032068	CORP-Marketing	50325933	Marketing Assistant (N)	1,600.00	31.63	\$27,090.00	\$536.40	\$271.58	\$807.98
032068	CORP-Marketing	50381111	Specialist Corporate Comm	2,080.00	41.14	\$65,227.24	\$1,289.96	\$653.12	\$1,943.08
032068	CORP-Marketing	50394053	Mgr Cust Comm (State)	2,080.00	46.75	\$82,827.60	\$1,861.60	\$942.55	\$2,804.15
032068	CORP-Marketing	50478765	Intern	40.00	0.79	\$400.00	\$7.91	\$4.00	\$11.91
032068 Total				12,040.00	243.72	\$503,872.70	\$10,188.49	\$5,158.53	\$15,347.02
032069	CORP-Regulatory UFS	30034559	VP & Counsel Reg Prgrms	2,080.00	42.50	\$185,925.36	\$3,798.94	\$1,923.44	\$5,722.38
032069	CORP-Regulatory UFS	50302498	Analyst Project	1,800.00	33.28	\$41,797.92	\$769.58	\$389.65	\$1,159.23
032069 Total				3,880.00	75.79	\$227,723.28	\$4,568.52	\$2,313.09	\$6,881.61
032071	CORP-ITS Admin	18507838	Mgr Planning Performance ITS	560.00	12.11	\$32,018.62	\$692.24	\$350.49	\$1,042.73
032071	CORP-ITS Admin	50387627	CIO & VP ITS	2,080.00	39.00	\$235,001.00	\$4,406.81	\$2,231.21	\$6,638.02
032071	CORP-ITS Admin	50471511	Sr Analyst Financial	1,880.00	42.05	\$70,808.41	\$1,584.10	\$802.05	\$2,386.15
032071 Total				4,520.00	93.16	\$337,828.03	\$6,683.15	\$3,383.75	\$10,066.90
032072	CORP-ITS PMO	3015388	Project Mgr ITS	168.00	3.50	\$7,482.92	\$155.66	\$78.81	\$234.47
032072	CORP-ITS PMO	18505824	Sr Project Mgr ITS	2,080.00	31.02	\$145,949.55	\$2,176.26	\$1,101.86	\$3,278.12
032072	CORP-ITS PMO	50086863	Project Mgr ITS	2,080.00	10.08	\$97,994.53	\$475.01	\$240.50	\$715.51
032072	CORP-ITS PMO	50101867	Project Mgr ITS	576.00	5.04	\$32,646.98	\$362.98	\$183.78	\$546.76
032072	CORP-ITS PMO	50220130	Dir PMO ITS	2,080.00	6.66	\$144,166.92	\$460.44	\$233.13	\$693.57
032072	CORP-ITS PMO	50233802	Sr Analyst PMO ITS	2,080.00	6.79	\$55,779.07	\$311.88	\$157.91	\$469.79
032072	CORP-ITS PMO	50249958	Project Mgr ITS	1,720.00	20.60	\$80,641.76	\$977.08	\$494.71	\$1,471.79
032072	CORP-ITS PMO	50407245	Project Mgr ITS	2,080.00	14.23	\$108,151.45	\$739.66	\$374.50	\$1,114.16
032072	CORP-ITS PMO	50407315	Career Level Project Mgr ITS	80.00	0.47	\$4,159.63	\$24.57	\$12.44	\$37.01
032072	CORP-ITS PMO	50407315	Project Mgr ITS	2,000.00	31.69	\$103,990.76	\$1,647.82	\$834.31	\$2,482.13
032072	CORP-ITS PMO	50431025	Exec Secretary (N)	2,078.50	46.72	\$43,612.40	\$980.66	\$496.52	\$1,477.18
032072	CORP-ITS PMO	50437062	Master Project Mgr PMO ITS	160.00	3.27	\$8,723.05	\$178.28	\$90.26	\$268.54
032072	CORP-ITS PMO	50437062	Project Mgr ITS	1,920.00	39.87	\$93,077.30	\$1,932.72	\$978.56	\$2,911.28
032072	CORP-ITS PMO	50489528	Master Project Mgr PMO ITS	1,256.00	14.01	\$84,538.58	\$943.33	\$477.62	\$1,420.95
032072	CORP-ITS PMO	50491612	Career Level Project Mgr ITS	1,160.00	11.85	\$54,807.43	\$540.97	\$273.90	\$814.87
032072 Total				21,518.50	245.79	\$1,105,722.33	\$11,907.32	\$6,028.80	\$17,936.12
032073	CORP-ITS Infra/Oper Admin	3014575	Exec Secretary (N)	2,080.00	42.58	\$46,733.69	\$956.40	\$484.23	\$1,440.63
032073	CORP-ITS Infra/Oper Admin	18504493	Dir Infrastructure & Opns ITS	2,080.00	39.01	\$152,178.71	\$2,853.73	\$1,444.87	\$4,298.60
032073	CORP-ITS Infra/Oper Admin	50502028	Enterprise Infra Eng ITS	720.00	16.10	\$41,538.58	\$928.57	\$470.14	\$1,398.71
032073 Total				4,880.00	97.69	\$240,450.98	\$4,738.70	\$2,399.25	\$7,137.95
032074	CORP-ITS Production	3000188	Mgr Production ITS	1,280.00	22.87	\$62,377.59	\$1,114.11	\$564.09	\$1,678.20
032074	CORP-ITS Production	3000195	Supvr Computer Opns ITS	840.00	16.95	\$27,793.50	\$560.72	\$283.90	\$844.62
032074	CORP-ITS Production	3000195	Team Lead Computer Oper ITS	1,240.00	25.15	\$38,088.48	\$772.54	\$391.14	\$1,163.68
032074	CORP-ITS Production	3003220	Sr Computer Operator ITS (N)	2,133.00	47.36	\$45,688.66	\$1,014.78	\$513.79	\$1,528.57
032074	CORP-ITS Production	3015077	Lead Computer Operator ITS (N)	2,108.50	40.71	\$58,441.37	\$1,121.64	\$567.90	\$1,689.54
032074	CORP-ITS Production	24007293	Lead Computer Operator ITS (N)	1,401.50	31.47	\$39,869.38	\$895.36	\$453.33	\$1,348.69
032074	CORP-ITS Production	24007293	Specialist Corrsprndnce ITS (N)	681.50	15.29	\$19,537.68	\$438.44	\$221.99	\$660.43
032074	CORP-ITS Production	50011669	Sr Computer Operator ITS (N)	2,179.50	48.51	\$57,446.39	\$1,279.26	\$647.70	\$1,926.96
032074	CORP-ITS Production	50114015	Computer Operator ITS (N)	448.00	9.99	\$7,983.98	\$178.14	\$90.19	\$268.33
032074	CORP-ITS Production	50114015	Sr Computer Operator ITS (N)	1,713.75	38.12	\$34,423.33	\$765.78	\$387.72	\$1,153.50
032074	CORP-ITS Production	50114048	Computer Operator ITS (N)	2,108.00	46.91	\$33,864.17	\$753.93	\$381.72	\$1,135.65
032074	CORP-ITS Production	50411480	Computer Operator ITS (N)	457.50	10.20	\$7,046.62	\$157.34	\$79.66	\$237.00
032074	CORP-ITS Production	50490243	Computer Operator ITS (N)	1,261.50	28.04	\$24,850.92	\$552.27	\$279.62	\$831.89
032074 Total				17,852.75	381.55	\$457,412.07	\$9,604.31	\$4,862.76	\$14,467.07
032075	CORP-Enterprise Server	3016296	Spec Midrange Server ITS (N)	2,097.00	47.11	\$85,825.65	\$1,928.25	\$976.29	\$2,904.54
032075	CORP-Enterprise Server	3016884	Spec Network Servr AIX ITS (N)	2,101.75	47.06	\$89,598.99	\$2,005.78	\$1,015.55	\$3,021.33
032075	CORP-Enterprise Server	18553746	Spec Midrange Server ITS (N)	2,100.75	47.15	\$75,013.88	\$1,684.66	\$852.96	\$2,537.62
032075	CORP-Enterprise Server	24018333	Team Lead IT Regional Supp (N)	2,109.25	43.51	\$77,326.64	\$1,595.22	\$807.68	\$2,402.90
032075	CORP-Enterprise Server	50015337	Spec Business App Supp ITS (N)	2,088.20	46.38	\$81,282.37	\$1,804.66	\$913.72	\$2,718.38
032075	CORP-Enterprise Server	50131871	Team Lead Domino Admin ITS (N)	2,078.00	45.15	\$87,920.63	\$1,908.65	\$966.37	\$2,875.02
032075	CORP-Enterprise Server	50271912	Spec Network Servr AIX ITS (N)	2,109.00	41.33	\$108,537.75	\$2,130.56	\$1,078.72	\$3,209.28
032075	CORP-Enterprise Server	50319759	Spec Network Servr AIX ITS (N)	2,156.25	42.49	\$110,225.90	\$2,179.37	\$1,103.44	\$3,282.81
032075	CORP-Enterprise Server	50332087	Spec Network Servr AIX ITS (N)	2,084.25	41.52	\$84,501.59	\$1,680.96	\$851.09	\$2,532.05
032075	CORP-Enterprise Server	50338076	Spec Middleware Supp-Citrix(N)	2,122.75	46.09	\$85,112.22	\$1,847.25	\$935.28	\$2,782.53
032075	CORP-Enterprise Server	50369105	Spec Business App Supp ITS (N)	2,088.00	46.51	\$80,873.42	\$1,800.78	\$911.75	\$2,712.53
032075	CORP-Enterprise Server	50395986	Spec Middleware Supp ITS (N)	2,114.25	40.87	\$86,711.68	\$1,680.05	\$850.63	\$2,530.68
032075	CORP-Enterprise Server	50395989	Lead Specialist Supp ITS (N)	2,149.75	46.41	\$98,085.51	\$2,115.92	\$1,073.31	\$3,187.23
032075	CORP-Enterprise Server	50395990	Mgr Enterprise Servers ITS	664.00	13.37	\$39,265.99	\$790.11	\$400.04	\$1,190.15
032075	CORP-Enterprise Server	50418920	Database Administrator ITS (N)	715.50	16.05	\$32,287.16	\$724.48	\$366.81	\$1,091.29
032075	CORP-Enterprise Server	50428167	Database Administrator ITS (N)	2,115.00	47.06	\$87,978.81	\$1,958.33	\$991.52	\$2,949.85
032075	CORP-Enterprise Server	50443204	Spec Network Servr AIX ITS (N)	1,760.00	38.51	\$67,755.21	\$1,481.95	\$750.33	\$2,232.28
032075	CORP-Enterprise Server	50475608	Spec Network Servr AIX ITS (N)	1,867.25	28.42	\$77,362.49	\$1,181.14	\$598.02	\$1,779.16
032075	CORP-Enterprise Server	50476653	Database Administrator ITS (N)	1,684.00	37.84	\$69,096.99	\$1,553.48	\$786.54	\$2,340.02
032075	CORP-Enterprise Server	50498439	Mgr Syst Maint & Perf ITS	800.00	12.77	\$48,077.00	\$767.46	\$388.57	\$1,156.03
032075 Total				37,004.95	775.59	\$1,572,839.88	\$32,819.06	\$16,616.62	\$49,435.68

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032076	CORP-Communications	3016462	Lead Specialist Supp ITS (N)	2,135.50	46.68	\$98,700.64	\$2,157.20	\$1,092.21	\$3,249.41
032076	CORP-Communications	17007195	WAN/LAN Administrator ITS (N)	457.25	9.11	\$21,390.68	\$426.30	\$215.84	\$642.14
032076	CORP-Communications	24007483	Lead Specialist Supp ITS (N)	232.00	5.22	\$16,798.26	\$377.86	\$191.31	\$569.17
032076	CORP-Communications	50178396	Spec Comm Voice/Video ITS	40.00	0.68	\$1,412.49	\$23.85	\$12.08	\$35.93
032076	CORP-Communications	50178396	Voice Administrator ITS (N)	2,134.00	39.71	\$78,244.46	\$1,465.33	\$741.91	\$2,207.24
032076	CORP-Communications	50332094	WAN/LAN Administrator ITS (N)	894.50	20.13	\$35,031.70	\$788.25	\$399.10	\$1,187.35
032076	CORP-Communications	50336941	WAN/LAN Administrator ITS (N)	720.00	16.18	\$27,332.63	\$614.00	\$310.87	\$924.87
032076	CORP-Communications	50424794	Spec Comm Voice/Video ITS	40.00	0.74	\$1,588.48	\$29.49	\$14.93	\$44.42
032076	CORP-Communications	50424794	Voice Administrator ITS (N)	2,104.00	35.35	\$85,937.26	\$1,454.87	\$736.62	\$2,191.49
032076	CORP-Communications	50435619	Mgr Telecomm ITS	2,080.00	33.58	\$100,346.18	\$1,620.15	\$820.30	\$2,440.45
032076	CORP-Communications	50498439	Mgr Syst Maint & Perf ITS	80.00	1.80	\$4,807.70	\$108.20	\$54.78	\$162.98
032076 Total				10,917.25	209.18	\$471,590.48	\$9,065.50	\$4,589.95	\$13,655.45
032077	CORP-ITS Security Operations	3003254	Sr Specialist Network Security	2,080.00	42.10	\$78,887.50	\$1,597.94	\$809.05	\$2,406.99
032077	CORP-ITS Security Operations	3003460	Sr Spec Computer Supp ITS (N)	2,018.00	42.28	\$70,351.44	\$1,473.52	\$746.06	\$2,219.58
032077	CORP-ITS Security Operations	18674530	Sr Specialist Network Security	2,080.00	42.03	\$85,957.99	\$1,737.51	\$879.72	\$2,617.23
032077	CORP-ITS Security Operations	50043338	Dir Entrpse Security Opns ITS	40.00	0.90	\$2,602.80	\$58.55	\$29.64	\$88.19
032077	CORP-ITS Security Operations	50085664	Sr Specialist Network Security	2,080.00	42.59	\$73,813.29	\$1,513.68	\$766.39	\$2,280.07
032077	CORP-ITS Security Operations	50392608	Spec Business App Supp ITS (N)	80.00	1.79	\$2,514.00	\$56.30	\$28.51	\$84.81
032077	CORP-ITS Security Operations	50415708	Lead Specialist Supp ITS (N)	40.00	0.90	\$1,659.10	\$37.35	\$18.91	\$56.26
032077	CORP-ITS Security Operations	50415708	Lead Specialist Support ITS	2,040.00	41.48	\$85,012.53	\$1,727.67	\$874.74	\$2,602.41
032077	CORP-ITS Security Operations	50417707	Specialist Network Security	120.00	2.25	\$4,245.35	\$80.10	\$40.56	\$120.66
032077	CORP-ITS Security Operations	50417707	Sr Specialist Network Security	1,960.00	40.50	\$74,852.85	\$1,545.76	\$782.63	\$2,328.39
032077	CORP-ITS Security Operations	50477607	Sr Analyst Security ITS	1,760.00	38.31	\$59,230.61	\$1,289.74	\$653.01	\$1,942.75
032077	CORP-ITS Security Operations	50482366	Mgr Appl Admin & Security ITS	1,520.00	29.34	\$88,799.76	\$1,711.53	\$866.56	\$2,578.09
032077 Total				15,818.00	324.47	\$627,927.22	\$12,829.65	\$6,495.78	\$19,325.43
032078	CORP-ITS Adm Business Appl Dev	18502615	Mgr Business Development ITS	2,040.00	44.99	\$109,609.27	\$2,417.79	\$1,224.15	\$3,641.94
032078	CORP-ITS Adm Business Appl Dev	50064428	Mgr Technical JDE (ITS)	2,080.00	36.94	\$123,197.87	\$2,193.17	\$1,110.42	\$3,303.59
032078	CORP-ITS Adm Business Appl Dev	50371627	Database Administrator ITS (N)	40.00	0.36	\$1,876.35	\$16.88	\$8.55	\$25.43
032078	CORP-ITS Adm Business Appl Dev	50412396	Dir Core Business Systems ITS	2,080.00	30.65	\$176,818.58	\$2,610.59	\$1,321.77	\$3,932.36
032078 Total				6,240.00	112.94	\$411,502.07	\$7,238.43	\$3,664.89	\$10,903.32
032079	CORP-ITS-BAD-Middle Office App	3002902	Team Lead Appl Dev ITS	2,080.00	31.93	\$101,299.72	\$1,560.86	\$790.28	\$2,351.14
032079	CORP-ITS-BAD-Middle Office App	3015900	Mgr Application Dev ITS	2,080.00	36.25	\$126,502.46	\$2,207.07	\$1,117.46	\$3,324.53
032079	CORP-ITS-BAD-Middle Office App	3017323	Sr Developer ITS	80.00	1.53	\$3,050.18	\$58.31	\$29.52	\$87.83
032079	CORP-ITS-BAD-Middle Office App	3017323	Sr Developer ITS (PA) (N)	2,056.50	33.94	\$79,676.02	\$1,302.82	\$659.63	\$1,962.45
032079	CORP-ITS-BAD-Middle Office App	3018192	Analyst Business ITS	320.00	3.48	\$8,888.21	\$96.71	\$48.97	\$145.68
032079	CORP-ITS-BAD-Middle Office App	3018192	Analyst Business ITS (PA) (N)	1,732.00	28.60	\$48,274.55	\$795.20	\$402.62	\$1,197.82
032079	CORP-ITS-BAD-Middle Office App	3018483	Sr Developer ITS	40.00	0.90	\$1,681.45	\$37.85	\$19.16	\$57.01
032079	CORP-ITS-BAD-Middle Office App	3018483	Sr Developer ITS (PA) (N)	1,334.25	17.62	\$56,512.35	\$743.21	\$376.29	\$1,119.50
032079	CORP-ITS-BAD-Middle Office App	12000085	Sr Analyst Business Reporting	1,320.00	24.56	\$56,516.19	\$1,051.88	\$532.58	\$1,584.46
032079	CORP-ITS-BAD-Middle Office App	18507926	Spec Business App Supp ITS	1,600.00	16.30	\$52,073.24	\$530.58	\$268.64	\$799.22
032079	CORP-ITS-BAD-Middle Office App	18507926	Spec Business App Supp ITS (N)	320.00	3.03	\$10,368.00	\$97.98	\$49.61	\$147.59
032079	CORP-ITS-BAD-Middle Office App	24007267	Analyst Business ITS	320.00	7.39	\$9,587.20	\$221.13	\$111.96	\$333.09
032079	CORP-ITS-BAD-Middle Office App	24007267	Analyst Business ITS (PA) (N)	1,202.50	21.40	\$36,026.90	\$640.71	\$324.40	\$965.11
032079	CORP-ITS-BAD-Middle Office App	28007851	Team Lead Reporting ITS	2,040.00	39.30	\$94,886.89	\$1,827.42	\$925.24	\$2,752.66
032079	CORP-ITS-BAD-Middle Office App	50090814	Spec Business App Supp ITS	1,640.00	25.78	\$67,256.41	\$1,056.97	\$535.15	\$1,592.12
032079	CORP-ITS-BAD-Middle Office App	50090814	Spec Business App Supp ITS (N)	360.00	5.85	\$14,763.60	\$239.85	\$121.44	\$361.29
032079	CORP-ITS-BAD-Middle Office App	50090814	Sr Developer ITS (PA) (N)	80.00	0.94	\$3,280.80	\$38.59	\$19.54	\$58.13
032079	CORP-ITS-BAD-Middle Office App	50095946	Sr Developer ITS	40.00	0.11	\$1,749.30	\$4.92	\$2.49	\$7.41
032079	CORP-ITS-BAD-Middle Office App	50095946	Sr Developer ITS (PA) (N)	1,728.00	16.54	\$76,089.89	\$729.22	\$369.21	\$1,098.43
032079	CORP-ITS-BAD-Middle Office App	50140811	Sr Developer ITS	80.00	0.36	\$2,989.77	\$13.46	\$6.81	\$20.27
032079	CORP-ITS-BAD-Middle Office App	50140811	Sr Developer ITS (PA) (N)	2,049.50	32.17	\$79,378.70	\$1,247.79	\$631.77	\$1,879.56
032079	CORP-ITS-BAD-Middle Office App	50270557	Sr Developer ITS	80.00	0.05	\$3,263.00	\$1.84	\$0.93	\$2.77
032079	CORP-ITS-BAD-Middle Office App	50270557	Sr Developer ITS (PA) (N)	2,046.00	28.56	\$86,455.30	\$1,196.20	\$605.65	\$1,801.85
032079	CORP-ITS-BAD-Middle Office App	50344468	Team Lead Appl Dev ITS	40.00	0.88	\$1,779.95	\$39.05	\$19.77	\$58.82
032079	CORP-ITS-BAD-Middle Office App	50363900	Sr Developer ITS	77.25	1.69	\$2,664.75	\$58.22	\$29.48	\$87.70
032079	CORP-ITS-BAD-Middle Office App	50366779	Analyst Business ITS	480.00	19.82	\$17,644.41	\$662.47	\$335.42	\$997.89
032079	CORP-ITS-BAD-Middle Office App	50371641	Sr Developer ITS	40.00	0.81	\$1,557.00	\$31.54	\$15.97	\$47.51
032079	CORP-ITS-BAD-Middle Office App	50383027	Sr Developer ITS	40.00	0.90	\$1,557.00	\$35.05	\$17.75	\$52.80
032079	CORP-ITS-BAD-Middle Office App	50411481	Web Master ITS	40.00	0.09	\$1,945.70	\$4.38	\$2.22	\$6.60
032079	CORP-ITS-BAD-Middle Office App	50437053	Specialist Web Groupware ITS	40.00	0.90	\$1,826.90	\$41.10	\$20.81	\$61.91
032079 Total				25,386.00	401.66	\$1,049,545.84	\$16,572.38	\$8,390.76	\$24,963.14
032080	CORP-ITS-BAD-Back Office Apps	3000071	Spec Business App Supp ITS (N)	80.00	1.79	\$2,955.90	\$66.20	\$33.52	\$99.72
032080	CORP-ITS-BAD-Back Office Apps	3015763	Sr Developer ITS	40.00	0.36	\$1,498.70	\$13.48	\$6.83	\$20.31
032080	CORP-ITS-BAD-Back Office Apps	3018192	Analyst Business ITS	40.00	0.18	\$1,111.04	\$5.01	\$2.54	\$7.55
032080	CORP-ITS-BAD-Back Office Apps	12000085	Sr Analyst Business Reporting	40.00	0.90	\$1,700.20	\$38.25	\$19.37	\$57.62
032080	CORP-ITS-BAD-Back Office Apps	18507441	Team Lead JDE (ITS)	2,080.00	46.75	\$91,474.55	\$2,056.00	\$1,040.97	\$3,096.97
032080	CORP-ITS-BAD-Back Office Apps	28007851	Team Lead Reporting ITS	40.00	0.90	\$1,860.00	\$41.85	\$21.19	\$63.04
032080	CORP-ITS-BAD-Back Office Apps	50069219	Mgr Application Dev ITS	720.00	11.39	\$39,403.79	\$623.02	\$315.44	\$938.46
032080	CORP-ITS-BAD-Back Office Apps	50085706	Spec Business App Supp ITS	1,720.00	38.40	\$75,580.07	\$1,688.15	\$854.73	\$2,542.88
032080	CORP-ITS-BAD-Back Office Apps	50085706	Spec Business App Supp ITS (N)	360.00	8.10	\$15,753.15	\$354.60	\$179.54	\$534.14
032080	CORP-ITS-BAD-Back Office Apps	50145186	Spec Business App Supp ITS	1,720.00	32.74	\$70,152.22	\$1,334.94	\$675.89	\$2,010.83
032080	CORP-ITS-BAD-Back Office Apps	50145186	Spec Business App Supp ITS (N)	360.00	6.39	\$14,683.04	\$260.58	\$131.93	\$392.51
032080	CORP-ITS-BAD-Back Office Apps	50270791	Sr Developer ITS	2,080.00	30.45	\$82,549.63	\$1,207.97	\$611.61	\$1,819.58
032080	CORP-ITS-BAD-Back Office Apps	50328933	Analyst Business ITS	40.00	0.90	\$1,294.05	\$29.10	\$14.73	\$43.83
032080	CORP-ITS-BAD-Back Office Apps	50330957	Sr Developer ITS	2,080.00	39.57	\$82,770.19	\$1,573.74	\$796.80	\$2,370.54
032080	CORP-ITS-BAD-Back Office Apps	50336934	Team Lead Appl Dev ITS	2,080.00	42.81	\$89,611.45	\$1,844.62	\$933.95	\$2,778.57
032080	CORP-ITS-BAD-Back Office Apps	50357466	Spec Business App Supp ITS	1,720.00	35.41	\$82,344.70	\$1,696.94	\$859.18	\$2,556.12
032080	CORP-ITS-BAD-Back Office Apps	50357466	Spec Business App Supp ITS (N)	360.00	4.50	\$17,091.85	\$213.78	\$108.24	\$322.02
032080	CORP-ITS-BAD-Back Office Apps	50359776	Spec Business App Supp ITS	1,720.00	38.65	\$69,865.45	\$1,569.67	\$794.74	\$2,364.41
032080	CORP-ITS-BAD-Back Office Apps	50359776	Spec Business App Supp ITS (N)	360.00	8.10	\$14,541.75	\$327.15	\$165.64	\$492.79
032080	CORP-ITS-BAD-Back Office Apps	50366779	Analyst Business ITS	40.00	2.00	\$1,336.67	\$66.83	\$33.84	\$100.67
032080	CORP-ITS-BAD-Back Office Apps	50486883	Mgr Application Dev ITS	1,328.00	29.83	\$83,250.22	\$1,870.52	\$947.06	\$2,817.58
032080 Total				19,008.00	380.11	\$840,828.62	\$16,882.40	\$8,547.73	\$25,430.13
032081	CORP-ITS-BAD-Quality&Methodlg	3000198	Spec Business App Supp ITS (N)	2,031.00	45.65	\$71,120.88	\$1,599.08	\$809.63	\$2,408.71
032081	CORP-ITS-BAD-Quality&Methodlg	50193841	Analyst QA ITS	80.00	1.04	\$2,535.77	\$32.81	\$16.61	\$49.42
032081	CORP-ITS-BAD-Quality&Methodlg	50193841	Analyst QA ITS (PA) (N)	2,034.00	23.53	\$65,992.11	\$766.67	\$388.17	\$1,154.84
032081	CORP-ITS-BAD-Quality&Methodlg	50301234	Analyst QA ITS	40.00	0.90	\$1,174.20	\$26.40	\$13.37	\$39.77
032081	CORP-ITS-BAD-Quality&Methodlg	50319749	Analyst QA ITS	2,080.00	28.96	\$61,481.63	\$853.83	\$432.30	\$1,286.13
032081	CORP-ITS-BAD-Quality&Methodlg	50328933	Analyst Business ITS	2,040.00	25.63	\$66,306.82	\$835.13	\$422.83	\$1,257.96

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032081	CORP-ITS-BAD-Quality&Methodlgy	50334551	Analyst QA ITS	2,080.00	21.07	\$62,380.44	\$631.98	\$319.98	\$951.96
032081	CORP-ITS-BAD-Quality&Methodlgy	50343508	Mgr Quality Assurance ITS	2,080.00	31.21	\$107,616.59	\$1,616.23	\$818.31	\$2,434.54
032081	CORP-ITS-BAD-Quality&Methodlgy	50360982	Analyst QA ITS	2,080.00	29.43	\$63,626.04	\$901.33	\$456.35	\$1,357.68
032081	CORP-ITS-BAD-Quality&Methodlgy	50437111	Mgr Process Design ITS	32.00	0.72	\$0.00	(\$0.00)	(\$0.00)	(\$0.00)
032081	CORP-ITS-BAD-Quality&Methodlgy	50443203	Analyst QA ITS	2,080.00	46.75	\$75,518.61	\$1,697.62	\$859.52	\$2,557.14
032081	CORP-ITS-BAD-Quality&Methodlgy	50481528	Analyst QA ITS	1,520.00	21.50	\$46,255.64	\$655.74	\$332.01	\$987.75
032081	CORP-ITS-BAD-Quality&Methodlgy	50512238	Analyst QA ITS	440.00	9.86	\$16,923.50	\$378.97	\$191.88	\$570.85
032081 Total				18,617.00	286.25	\$640,932.23	\$9,995.79	\$5,060.97	\$15,056.76
032082	CORP-ITS-BAD-Customer Facing	3017515	Trainer/Documenter ITS	1,800.00	44.62	\$55,310.69	\$1,370.36	\$693.83	\$2,064.19
032082	CORP-ITS-BAD-Customer Facing	3017515	Training Administrator ITS	280.00	6.27	\$8,832.60	\$197.75	\$100.12	\$297.87
032082	CORP-ITS-BAD-Customer Facing	18611053	Team Lead Appl Dev ITS	2,080.00	31.99	\$90,392.43	\$1,390.00	\$703.77	\$2,093.77
032082	CORP-ITS-BAD-Customer Facing	18678039	Technical Lead Mobile ITS	40.00	0.90	\$2,239.95	\$50.40	\$25.52	\$75.92
032082	CORP-ITS-BAD-Customer Facing	50093089	Sr Analyst Business Reporting	40.00	0.88	\$1,492.15	\$32.72	\$16.57	\$49.29
032082	CORP-ITS-BAD-Customer Facing	50251108	Trainer/Documenter ITS	920.00	20.70	\$26,788.19	\$602.72	\$305.16	\$907.88
032082	CORP-ITS-BAD-Customer Facing	50275439	Sr Developer ITS	2,080.00	27.41	\$93,232.49	\$1,233.36	\$624.46	\$1,857.82
032082	CORP-ITS-BAD-Customer Facing	50325108	Analyst Business ITS	1,676.00	21.57	\$55,936.18	\$721.24	\$365.17	\$1,086.41
032082	CORP-ITS-BAD-Customer Facing	50373036	Spec Business App Supp ITS	1,720.00	33.75	\$63,569.14	\$1,247.34	\$631.54	\$1,878.88
032082	CORP-ITS-BAD-Customer Facing	50373036	Spec Business App Supp ITS (N)	360.00	6.73	\$13,305.17	\$248.64	\$125.89	\$374.53
032082	CORP-ITS-BAD-Customer Facing	50420233	Mgr Application Dev ITS	2,080.00	36.96	\$127,164.00	\$2,255.93	\$1,142.20	\$3,398.13
032082	CORP-ITS-BAD-Customer Facing	50438051	Mgr Process Design ITS	1,976.00	43.27	\$86,979.36	\$1,901.44	\$962.72	\$2,864.16
032082	CORP-ITS-BAD-Customer Facing	50444295	Business Liaison	2,080.00	21.15	\$105,484.76	\$1,073.01	\$543.28	\$1,616.29
032082	CORP-ITS-BAD-Customer Facing	50460429	Training Administrator ITS	2,032.00	45.67	\$92,806.52	\$2,085.48	\$1,055.90	\$3,141.38
032082	CORP-ITS-BAD-Customer Facing	50478766	Analyst Business ITS	1,680.00	34.51	\$49,050.29	\$1,008.28	\$510.50	\$1,518.78
032082	CORP-ITS-BAD-Customer Facing	50493791	Business Partner ITS	1,080.00	10.86	\$50,173.38	\$454.13	\$229.93	\$684.06
032082	CORP-ITS-BAD-Customer Facing	50506035	Business Partner ITS	360.00	8.06	\$23,923.25	\$536.05	\$271.41	\$807.46
032082	CORP-ITS-BAD-Customer Facing	50516281	Analyst Business ITS	240.00	5.38	\$6,923.10	\$155.10	\$78.53	\$233.63
032082	CORP-ITS-BAD-Customer Facing	50520762	Business Liaison (ITS)	40.00	0.90	\$1,826.90	\$40.90	\$20.71	\$61.61
032082 Total				22,564.00	401.58	\$955,430.55	\$16,604.85	\$8,407.20	\$25,012.05
032083	CORP-ITS-BAD-Field Svc Apps	3015763	Sr Developer ITS	2,032.00	38.45	\$76,403.12	\$1,445.91	\$732.08	\$2,177.99
032083	CORP-ITS-BAD-Field Svc Apps	3018483	Sr Developer ITS	80.00	1.80	\$3,362.90	\$75.70	\$38.33	\$114.03
032083	CORP-ITS-BAD-Field Svc Apps	3018483	Sr Developer ITS (PA) (N)	609.50	12.61	\$25,621.07	\$530.31	\$268.50	\$798.81
032083	CORP-ITS-BAD-Field Svc Apps	12000085	Sr Analyst Business Reporting	720.00	16.20	\$30,603.60	\$688.54	\$348.61	\$1,037.15
032083	CORP-ITS-BAD-Field Svc Apps	50135657	Sr Developer ITS	1,848.00	35.66	\$74,546.14	\$1,438.70	\$728.43	\$2,167.13
032083	CORP-ITS-BAD-Field Svc Apps	50363586	Team Lead IT Regional Supp (N)	2,090.50	38.91	\$98,929.62	\$1,836.32	\$929.75	\$2,766.07
032083	CORP-ITS-BAD-Field Svc Apps	50371627	Database Administrator ITS (N)	2,040.00	41.41	\$96,369.59	\$1,955.90	\$990.29	\$2,946.19
032083	CORP-ITS-BAD-Field Svc Apps	50383027	Sr Developer ITS	576.00	12.96	\$22,420.80	\$504.70	\$255.53	\$760.23
032083	CORP-ITS-BAD-Field Svc Apps	50447558	Mgr Application Dev ITS	2,080.00	41.54	\$131,200.00	\$2,618.18	\$1,325.61	\$3,943.79
032083	CORP-ITS-BAD-Field Svc Apps	50480255	Database Administrator ITS (N)	1,200.00	26.98	\$54,953.40	\$1,235.60	\$625.60	\$1,861.20
032083	CORP-ITS-BAD-Field Svc Apps	50480255	Lead Programmer Analyst ITS	320.00	7.17	\$14,908.00	\$334.00	\$169.11	\$503.11
032083	CORP-ITS-BAD-Field Svc Apps	50507992	Sr Developer ITS	560.00	12.01	\$26,923.40	\$577.84	\$292.57	\$870.41
032083	CORP-ITS-BAD-Field Svc Apps	50513037	Sr Developer ITS	328.00	7.35	\$14,980.58	\$335.38	\$169.81	\$505.19
032083 Total				14,484.00	293.05	\$671,222.22	\$13,577.08	\$6,874.21	\$20,451.29
032084	SSC-Accounts Payable	3017837	Team Lead Accounts Payable	2,080.00	21.76	\$62,178.00	\$650.56	\$329.39	\$979.95
032084	SSC-Accounts Payable	3017841	Specialist Accts Payable (N)	2,080.00	41.35	\$36,092.01	\$718.76	\$363.92	\$1,082.68
032084	SSC-Accounts Payable	3017979	Specialist Accts Payable (N)	2,117.00	47.58	\$38,834.55	\$872.50	\$441.76	\$1,314.26
032084	SSC-Accounts Payable	3018059	Team Lead Accounts Payable	2,076.00	45.75	\$60,537.43	\$1,333.04	\$674.93	\$2,007.97
032084	SSC-Accounts Payable	18507002	Specialist Accts Payable (N)	2,112.75	47.49	\$38,573.38	\$867.23	\$439.09	\$1,306.32
032084	SSC-Accounts Payable	18508195	Analyst Accounts Payable (N)	2,082.00	46.80	\$46,027.02	\$1,034.04	\$523.54	\$1,557.58
032084	SSC-Accounts Payable	18508671	Team Lead Accounts Payable	2,080.00	46.75	\$72,869.97	\$1,636.83	\$828.74	\$2,465.57
032084	SSC-Accounts Payable	18508822	Analyst Accounts Payable (N)	2,091.00	47.00	\$50,475.48	\$1,134.76	\$574.54	\$1,709.30
032084	SSC-Accounts Payable	50135604	Specialist Accts Payable (N)	2,155.50	48.45	\$35,175.33	\$790.46	\$400.22	\$1,190.68
032084	SSC-Accounts Payable	50138108	Specialist Accts Payable (N)	2,093.00	47.04	\$35,188.19	\$790.70	\$400.34	\$1,191.04
032084	SSC-Accounts Payable	50239365	Analyst Accounts Payable (N)	2,089.75	46.97	\$43,210.33	\$972.08	\$492.17	\$1,464.25
032084	SSC-Accounts Payable	50247296	Analyst Accounts Payable (N)	2,087.50	46.92	\$43,791.06	\$984.67	\$498.55	\$1,483.22
032084	SSC-Accounts Payable	50257564	Analyst Accounts Payable (N)	2,098.00	46.71	\$45,662.02	\$1,016.73	\$514.78	\$1,531.51
032084	SSC-Accounts Payable	50275398	Specialist Accts Payable (N)	2,159.50	48.54	\$38,930.63	\$874.62	\$442.83	\$1,317.45
032084	SSC-Accounts Payable	50277472	Sr Analyst Accts Payable (N)	2,095.50	47.10	\$54,648.23	\$1,228.80	\$622.15	\$1,850.95
032084	SSC-Accounts Payable	50294239	Analyst Accounts Payable (N)	2,080.00	46.75	\$43,553.12	\$978.80	\$495.58	\$1,474.38
032084	SSC-Accounts Payable	50296466	Analyst Accounts Payable (N)	2,048.00	46.03	\$44,339.86	\$997.46	\$505.02	\$1,502.48
032084	SSC-Accounts Payable	50317566	Analyst Accounts Payable (N)	2,097.50	44.42	\$45,314.54	\$960.19	\$486.15	\$1,446.34
032084	SSC-Accounts Payable	50320613	Specialist Accts Payable (N)	1,371.50	30.81	\$23,855.43	\$536.05	\$271.41	\$807.46
032084	SSC-Accounts Payable	50354410	Specialist Accts Payable (N)	2,045.50	27.05	\$37,119.54	\$488.87	\$247.52	\$736.39
032084	SSC-Accounts Payable	50356357	Analyst Accounts Payable (N)	2,089.00	46.95	\$46,096.26	\$1,035.68	\$524.38	\$1,560.06
032084	SSC-Accounts Payable	50383273	Mgr Accounts Payable	2,080.00	37.58	\$98,878.00	\$1,786.73	\$904.64	\$2,691.37
032084	SSC-Accounts Payable	50405288	Analyst Accounts Payable (N)	2,088.00	46.48	\$43,769.77	\$974.91	\$493.61	\$1,468.52
032084	SSC-Accounts Payable	50425924	Specialist Accts Payable (N)	2,100.25	7.18	\$38,683.84	\$132.45	\$67.06	\$199.51
032084	SSC-Accounts Payable	50449965	Specialist Accts Payable (N)	2,087.00	46.91	\$34,335.77	\$771.30	\$390.52	\$1,161.82
032084 Total				51,584.25	1,056.40	\$1,158,139.76	\$23,568.22	\$11,932.83	\$35,501.05
032085	CORP-External Communications	18709966	Dir External Comm	2,080.00	41.14	\$133,007.00	\$2,629.80	\$1,331.49	\$3,961.29
032085	CORP-External Communications	50350549	Coordinator Corp Comm	2,080.00	41.14	\$50,284.40	\$994.77	\$503.66	\$1,498.43
032085	CORP-External Communications	50433363	Intern	177.00	3.50	\$1,770.00	\$35.13	\$17.79	\$52.92
032085	CORP-External Communications	50467006	Mgr External Affairs (Corp)	1,920.00	37.97	\$78,902.40	\$1,560.04	\$789.86	\$2,349.90
032085	CORP-External Communications	50478765	Intern	169.00	3.35	\$1,690.00	\$33.39	\$16.91	\$50.30
032085	CORP-External Communications	50494031	Intern	200.00	3.96	\$2,000.00	\$39.52	\$20.01	\$59.53
032085 Total				6,626.00	131.05	\$267,653.80	\$5,292.65	\$2,679.72	\$7,972.37
032086	CORP-Internal Communications	50345768	Mgr Internal Comm (Corp)	2,080.00	41.14	\$71,005.82	\$1,404.20	\$710.96	\$2,115.16
032086	CORP-Internal Communications	50433360	Dir Internal Comm	1,720.00	34.91	\$101,258.06	\$2,053.69	\$1,039.80	\$3,093.49
032086 Total				3,800.00	76.05	\$172,263.88	\$3,457.89	\$1,750.76	\$5,208.65
032087	CORP-Corp Social Resp	50171161	Mgr Corporate Responsibility	2,000.00	37.18	\$113,793.60	\$2,116.30	\$1,071.50	\$3,187.80
032087 Total				2,000.00	37.18	\$113,793.60	\$2,116.30	\$1,071.50	\$3,187.80
032089	CORP-AWE Pass-Thru	5009744	Mgr Production (Medium)	1,040.00	(0.00)	\$62,231.10	\$0.03	\$0.02	\$0.05
032089 Total				1,040.00	(0.00)	\$62,231.10	\$0.03	\$0.02	\$0.05
032093	CORP-ITS-Architecture	3000234	Enterprise Architect ITS	2,080.00	40.93	\$128,441.62	\$2,529.17	\$1,280.54	\$3,809.71
032093	CORP-ITS-Architecture	3014691	Sr Data Architect ITS	232.00	5.22	\$11,522.93	\$259.37	\$131.32	\$390.69
032093	CORP-ITS-Architecture	50190186	Sr Data Architect ITS	2,079.50	38.70	\$90,437.76	\$1,682.97	\$852.10	\$2,535.07
032093	CORP-ITS-Architecture	50334667	Enterprise Architect ITS	2,080.00	35.93	\$124,457.22	\$2,155.05	\$1,091.12	\$3,246.17
032093	CORP-ITS-Architecture	50348193	Enterprise Architect ITS	2,080.00	34.13	\$121,000.24	\$1,987.74	\$1,006.41	\$2,994.15
032093	CORP-ITS-Architecture	50383035	Enterprise Arch Midrange Syst	2,080.00	33.63	\$130,394.34	\$2,107.98	\$1,067.29	\$3,175.27
032093	CORP-ITS-Architecture	50395988	Data Architect ITS	2,080.00	39.99	\$74,221.75	\$1,427.17	\$722.59	\$2,149.76

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032093	CORP-ITS-Architecture	50401270	Dir Strategy & Arch ITS	2,080.00	38.52	\$175,549.05	\$3,252.83	\$1,646.94	\$4,899.77
032093	CORP-ITS-Architecture	50437991	Enterprise Architect ITS	2,080.00	38.40	\$125,865.52	\$2,327.47	\$1,178.42	\$3,505.89
032093	CORP-ITS-Architecture	50480252	Enterprise Arch Midrange Syst	1,600.00	28.49	\$92,861.38	\$1,649.40	\$835.11	\$2,484.51
032093	CORP-ITS-Architecture	50490244	Enterprise Architect ITS	1,160.00	21.71	\$73,037.45	\$1,385.59	\$701.54	\$2,087.13
032093 Total				19,631.50	355.63	\$1,147,789.26	\$20,764.74	\$10,513.40	\$31,278.14
032505	SSC-Administration	3000559	Dir Accounting	480.00	10.80	\$33,577.20	\$755.40	\$382.47	\$1,137.87
032505	SSC-Administration	3000559	Dir Accounting (SSC)	1,480.00	33.21	\$104,290.52	\$2,339.77	\$1,184.65	\$3,524.42
032505	SSC-Administration	3003367	VP Shared Services	2,080.00	42.96	\$207,381.40	\$4,283.40	\$2,168.73	\$6,452.13
032505	SSC-Administration	3016948	Dir Accounting (SSC)	2,080.00	46.75	\$153,530.00	\$3,450.80	\$1,747.17	\$5,197.97
032505	SSC-Administration	10000225	Dir Accounting	600.00	13.50	\$44,797.50	\$1,008.00	\$510.36	\$1,518.36
032505	SSC-Administration	10000225	Dir Accounting (SSC)	200.00	2.16	\$14,932.50	\$161.28	\$81.66	\$242.94
032505	SSC-Administration	18505787	Dir Accounting	600.00	6.21	\$50,971.50	\$527.51	\$267.08	\$794.59
032505	SSC-Administration	18505787	Dir Accounting (SSC)	1,480.00	33.25	\$126,652.50	\$2,845.47	\$1,440.69	\$4,286.16
032505	SSC-Administration	18732824	Mgr Service Quality	2,080.00	46.75	\$118,314.80	\$2,658.61	\$1,346.08	\$4,004.69
032505	SSC-Administration	24007445	Dir Accounting	600.00	13.50	\$44,278.50	\$996.00	\$504.28	\$1,500.28
032505	SSC-Administration	24007445	Dir Accounting (SSC)	1,480.00	32.92	\$109,751.30	\$2,440.03	\$1,235.41	\$3,675.44
032505	SSC-Administration	50303423	Dir Financial Services	2,040.00	42.70	\$124,057.93	\$2,597.63	\$1,315.21	\$3,912.84
032505	SSC-Administration	50322904	Dir Accounting	80.00	1.80	\$5,953.80	\$134.00	\$67.85	\$201.85
032505 Total				15,280.00	326.50	\$1,138,489.45	\$24,197.90	\$12,251.64	\$36,449.54
032570	SSC-General Accounting	3017835	Mgr Financial Reporting	2,080.00	39.55	\$100,192.70	\$1,906.80	\$965.43	\$2,872.23
032570	SSC-General Accounting	18507125	Mgr Financial Reporting	2,080.00	38.32	\$97,191.00	\$1,792.24	\$907.43	\$2,699.67
032570	SSC-General Accounting	50031711	Supvr Accounting (SSC)	2,080.00	62.62	\$71,681.07	\$2,140.69	\$1,083.85	\$3,224.54
032570	SSC-General Accounting	50075099	Mgr Financial Reporting	2,080.00	38.65	\$93,383.87	\$1,737.82	\$879.88	\$2,617.70
032570	SSC-General Accounting	50097960	Sr Accountant	1,879.50	1,200.07	\$55,783.06	\$35,513.46	\$17,980.82	\$53,494.28
032570	SSC-General Accounting	50218969	Sr Accountant	2,080.00	27.84	\$62,693.00	\$833.99	\$422.26	\$1,256.25
032570	SSC-General Accounting	50257565	Intmd Accountant	2,080.00	27.84	\$49,230.00	\$656.00	\$332.14	\$988.14
032570	SSC-General Accounting	50290609	Sr Accountant	640.00	3.24	\$21,107.96	\$106.92	\$54.13	\$161.05
032570	SSC-General Accounting	50297720	Supvr Accounting (SSC)	2,080.00	36.85	\$73,969.80	\$1,312.45	\$664.51	\$1,976.96
032570	SSC-General Accounting	50300204	Intmd Accountant	520.00	4.03	\$15,349.97	\$118.85	\$60.17	\$179.02
032570	SSC-General Accounting	50300204	Sr Accountant	1,560.00	31.04	\$46,472.93	\$925.49	\$468.58	\$1,394.07
032570	SSC-General Accounting	50325147	Intmd Accountant	2,080.00	32.16	\$53,523.76	\$822.36	\$416.37	\$1,238.73
032570	SSC-General Accounting	50325873	Intmd Accountant	2,080.00	27.84	\$51,630.33	\$688.00	\$348.34	\$1,036.34
032570	SSC-General Accounting	50365813	Sr Accountant	2,080.00	27.84	\$63,631.24	\$846.51	\$428.60	\$1,275.11
032570	SSC-General Accounting	50387614	Mgr Financial Reporting	2,080.00	65.59	\$92,676.99	\$2,917.03	\$1,476.92	\$4,393.95
032570	SSC-General Accounting	50408306	Sr Accountant	2,080.00	27.76	\$58,223.17	\$768.62	\$389.16	\$1,157.78
032570	SSC-General Accounting	50410492	Mgr Accounting	600.00	2.70	\$27,692.26	\$124.64	\$63.11	\$187.75
032570	SSC-General Accounting	50410492	Mgr Accounting (SSC)	1,480.00	33.25	\$68,676.56	\$1,543.34	\$781.41	\$2,324.75
032570	SSC-General Accounting	50424745	Accountant (N)	1,477.50	2.07	\$34,815.67	\$96.60	\$145.51	\$145.51
032570	SSC-General Accounting	50429620	Mgr Accounting	304.00	13.62	\$13,256.30	\$594.04	\$300.77	\$894.81
032570	SSC-General Accounting	50429620	Mgr Accounting (SSC)	1,480.00	33.25	\$65,113.82	\$1,463.02	\$740.74	\$2,203.76
032570	SSC-General Accounting	50440349	Mgr Accounting (SSC)	2,080.00	35.02	\$90,230.59	\$1,519.08	\$769.13	\$2,288.21
032570	SSC-General Accounting	50441506	Intmd Accountant	2,080.00	31.94	\$52,230.98	\$798.42	\$404.25	\$1,202.67
032570	SSC-General Accounting	50479523	Specialist Accounting (N)	1,680.00	37.75	\$30,933.28	\$695.11	\$351.94	\$1,047.05
032570	SSC-General Accounting	50479524	Specialist Accounting (N)	1,680.00	36.36	\$31,747.82	\$687.38	\$348.03	\$1,035.41
032570	SSC-General Accounting	50513019	Sr Accountant	360.00	219.66	\$12,769.24	\$8,181.16	\$4,142.20	\$12,323.36
032570 Total				42,781.00	2,136.87	\$1,434,207.37	\$68,790.02	\$34,829.08	\$103,619.10
032571	SSC-Tax	3000114	Intmd Accountant Tax	2,080.00	46.19	\$56,714.80	\$1,259.73	\$637.81	\$1,897.54
032571	SSC-Tax	50105768	Sr Accountant Tax	2,080.00	46.75	\$77,638.80	\$1,744.00	\$883.00	\$2,627.00
032571	SSC-Tax	50167608	Team Lead Tax Accounting	2,080.00	45.91	\$77,876.28	\$1,718.18	\$869.93	\$2,588.11
032571	SSC-Tax	50291850	Mgr General Tax	1,920.00	43.17	\$82,446.01	\$1,853.65	\$938.52	\$2,792.17
032571	SSC-Tax	50315424	Accountant Tax (N)	296.50	6.67	\$7,944.76	\$178.62	\$90.44	\$269.06
032571	SSC-Tax	50315424	Intmd Accountant General Tax	1,800.00	39.74	\$53,366.10	\$1,178.76	\$596.82	\$1,775.58
032571	SSC-Tax	50317535	Sr Accountant	2,080.00	41.76	\$57,292.90	\$1,147.52	\$581.00	\$1,728.52
032571	SSC-Tax	50319813	Mgr General Tax	640.00	14.40	\$35,633.42	\$801.98	\$406.05	\$1,208.03
032571	SSC-Tax	50328948	Intmd Accountant Tax	1,680.00	37.79	\$50,139.00	\$1,128.50	\$571.37	\$1,699.87
032571	SSC-Tax	50328948	Team Lead Tax Accounting	400.00	8.96	\$13,722.90	\$307.25	\$155.56	\$462.81
032571	SSC-Tax	50369122	Tax Asst (N)	2,082.00	46.80	\$36,670.90	\$824.41	\$417.41	\$1,241.82
032571	SSC-Tax	50408298	Accountant (N)	1,245.00	27.96	\$27,000.26	\$606.43	\$307.04	\$913.47
032571	SSC-Tax	50410555	Intmd Accountant Tax	2,080.00	46.75	\$68,446.00	\$1,538.02	\$778.71	\$2,316.73
032571	SSC-Tax	50415705	Tax Asst (N)	1,674.00	36.88	\$30,372.31	\$669.61	\$339.03	\$1,008.64
032571	SSC-Tax	50416636	Accountant (N)	2,164.00	48.46	\$46,570.50	\$1,043.02	\$528.09	\$1,571.11
032571	SSC-Tax	50450239	Intmd Accountant Tax	1,300.00	29.25	\$39,346.25	\$884.94	\$448.05	\$1,332.99
032571	SSC-Tax	50519030	Accountant (N)	120.00	2.69	\$2,654.40	\$59.40	\$30.07	\$89.47
032571 Total				25,721.50	570.14	\$763,835.59	\$16,944.02	\$8,578.93	\$25,522.95
032572	SSC-Business Support Services	3017416	Sr Analyst Support Svcs (N)	2,080.00	46.68	\$76,497.17	\$1,716.11	\$868.88	\$2,584.99
032572	SSC-Business Support Services	3018062	Business Liaison	2,080.00	28.43	\$95,576.55	\$1,306.52	\$661.50	\$1,968.02
032572	SSC-Business Support Services	18507352	Analyst Business Performance	2,080.00	46.62	\$91,277.18	\$2,046.46	\$1,036.14	\$3,082.60
032572	SSC-Business Support Services	18508945	Business Liaison	2,080.00	60.54	\$86,569.83	\$2,517.10	\$1,274.43	\$3,791.53
032572	SSC-Business Support Services	50041705	Mgr Educ & Staff Development	1,480.00	33.16	\$59,258.69	\$1,328.06	\$672.41	\$2,000.47
032572	SSC-Business Support Services	50041705	Specialist Ldrshp & Staff Dev	600.00	13.50	\$23,827.50	\$536.22	\$271.49	\$807.71
032572	SSC-Business Support Services	50188957	Analyst Support Services (N)	2,080.00	46.75	\$57,900.33	\$1,300.25	\$658.33	\$1,958.58
032572	SSC-Business Support Services	50192306	Analyst Support Services (N)	2,080.00	46.17	\$56,031.63	\$1,243.62	\$629.66	\$1,873.28
032572	SSC-Business Support Services	50433328	Mgr Business Systems Support	2,080.00	46.48	\$96,461.27	\$2,155.78	\$1,091.49	\$3,247.27
032572	SSC-Business Support Services	50456143	Spec Educ & Staff Dev (N)	2,036.75	45.78	\$49,262.43	\$1,107.83	\$560.91	\$1,668.74
032572	SSC-Business Support Services	50467795	Sr Analyst Support Svcs (N)	1,920.00	43.13	\$60,439.95	\$1,358.57	\$687.86	\$2,046.43
032572 Total				20,596.75	457.25	\$753,102.53	\$16,616.52	\$8,413.11	\$25,029.63
032574	SSC-Rates & Regulation	3000104	Financial Analyst III (Rates)	2,080.00	19.07	\$87,499.31	\$802.10	\$406.11	\$1,208.21
032574	SSC-Rates & Regulation	3000126	Mgr Rates & Regulations	1,120.00	16.25	\$83,003.97	\$1,203.95	\$609.57	\$1,813.52
032574	SSC-Rates & Regulation	3000126	Sr Mgr Rates	960.00	34.73	\$71,146.27	\$2,573.66	\$1,303.07	\$3,876.73
032574	SSC-Rates & Regulation	3000131	Financial Analyst III (Rates)	2,080.00	76.18	\$74,292.96	\$2,722.50	\$1,378.43	\$4,100.93
032574	SSC-Rates & Regulation	3000457	Financial Analyst II (Rates)	1,760.00	49.88	\$64,915.84	\$1,860.11	\$941.79	\$2,801.90
032574	SSC-Rates & Regulation	3000457	Sr Analyst Financial	320.00	20.08	\$12,400.00	\$778.27	\$394.05	\$1,172.32
032574	SSC-Rates & Regulation	14000147	Team Lead Rates	2,080.00	36.99	\$101,292.77	\$1,807.69	\$915.25	\$2,722.94
032574	SSC-Rates & Regulation	18507379	Financial Analyst III (Rates)	2,080.00	11.38	\$94,130.34	\$515.78	\$261.14	\$776.92
032574	SSC-Rates & Regulation	18507395	Sr Analyst Financial	2,080.00	39.26	\$83,699.62	\$1,582.37	\$801.17	\$2,383.54
032574	SSC-Rates & Regulation	18507643	Sr Mgr Rates	2,080.00	47.15	\$113,922.98	\$2,611.47	\$1,322.21	\$3,933.68
032574	SSC-Rates & Regulation	18508751	Financial Analyst III (Rates)	2,080.00	26.04	\$94,531.80	\$1,182.08	\$598.50	\$1,780.58
032574	SSC-Rates & Regulation	18623214	Financial Analyst I (Rates)	2,080.00	96.70	\$50,854.42	\$2,356.75	\$1,193.25	\$3,550.00
032574	SSC-Rates & Regulation	50370230	Financial Analyst II (Rates)	2,080.00	12.84	\$66,361.98	\$409.32	\$207.24	\$616.56

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032574	SSC-Rates & Regulation	50452236	Mgr Rates	2,080.00	40.34	\$104,369.20	\$2,023.04	\$1,024.29	\$3,047.33
032574 Total				24,960.00	526.90	\$1,102,421.46	\$22,429.09	\$11,356.07	\$33,785.16
032575	SSC-Cash Operations	3003464	Specialist Cash Management (N)	2,152.75	46.91	\$43,623.97	\$948.37	\$480.17	\$1,428.54
032575	SSC-Cash Operations	3017503	Specialist Cash Management (N)	2,097.50	47.14	\$36,821.56	\$827.30	\$418.87	\$1,246.17
032575	SSC-Cash Operations	3018018	Specialist Cash Management (N)	2,186.75	48.52	\$42,118.17	\$929.13	\$470.43	\$1,399.56
032575	SSC-Cash Operations	18506755	Analyst Cash Management	2,080.00	83.35	\$55,888.69	\$2,242.56	\$1,135.43	\$3,377.99
032575	SSC-Cash Operations	18508241	Specialist Cash Management (N)	2,143.50	48.18	\$44,009.85	\$989.50	\$500.99	\$1,490.49
032575	SSC-Cash Operations	18648403	Analyst Cash Management	2,080.00	46.75	\$51,553.13	\$1,158.65	\$586.64	\$1,745.29
032575	SSC-Cash Operations	50011032	Sr Analyst Cash Management	2,080.00	46.75	\$64,654.18	\$1,453.69	\$736.02	\$2,189.71
032575	SSC-Cash Operations	50062328	Specialist Cash Management (N)	2,086.25	46.85	\$37,257.01	\$836.73	\$423.64	\$1,260.37
032575	SSC-Cash Operations	50074024	Analyst Cash Management	1,760.00	38.93	\$49,423.93	\$1,093.23	\$553.51	\$1,646.74
032575	SSC-Cash Operations	50074024	Sr Analyst Cash Management	320.00	6.75	\$9,892.08	\$208.60	\$105.62	\$314.22
032575	SSC-Cash Operations	50077256	Mgr Cash	2,080.00	53.07	\$96,307.54	\$2,456.35	\$1,243.67	\$3,700.02
032575	SSC-Cash Operations	50098297	Analyst Cash Management	320.00	7.17	\$8,800.00	\$197.18	\$99.83	\$297.01
032575	SSC-Cash Operations	50098297	Sr Analyst Cash Management	1,760.00	39.58	\$49,416.40	\$1,110.70	\$562.36	\$1,673.06
032575	SSC-Cash Operations	50116459	Specialist Accounting (N)	2,085.00	46.52	\$41,200.18	\$919.05	\$465.32	\$1,384.37
032575	SSC-Cash Operations	50171195	Team Lead Cash Management	2,080.00	45.94	\$69,832.04	\$1,541.70	\$780.58	\$2,322.28
032575	SSC-Cash Operations	50229837	Specialist Cash Management (N)	2,080.00	46.75	\$35,761.41	\$804.02	\$407.08	\$1,211.10
032575	SSC-Cash Operations	50231146	Sr Accountant	2,080.00	34.86	\$62,223.88	\$1,041.60	\$527.37	\$1,568.97
032575	SSC-Cash Operations	50240579	Specialist Accounting (N)	1,126.50	25.35	\$20,259.25	\$456.09	\$230.92	\$687.01
032575	SSC-Cash Operations	50244425	Specialist Cash Management (N)	2,118.50	47.50	\$36,874.55	\$826.94	\$418.69	\$1,245.63
032575	SSC-Cash Operations	50315421	Team Lead Cash Management	2,080.00	44.46	\$74,723.55	\$1,596.84	\$808.50	\$2,405.34
032575	SSC-Cash Operations	50322082	Sr Accountant	2,080.00	108.01	\$62,223.88	\$3,248.44	\$1,644.72	\$4,893.16
032575 Total				38,876.75	959.34	\$992,865.17	\$24,886.67	\$12,600.37	\$37,487.04
032577	SSC-Utility Plant Accounting	3017395	Intmd Accountant	2,080.00	98.36	\$53,077.77	\$2,500.14	\$1,265.85	\$3,765.99
032577	SSC-Utility Plant Accounting	3017504	Sr Accountant	2,080.00	5.94	\$75,276.82	\$214.39	\$108.55	\$322.94
032577	SSC-Utility Plant Accounting	3017840	Team Lead FA/JC	2,040.00	45.58	\$83,411.74	\$1,863.44	\$943.48	\$2,806.92
032577	SSC-Utility Plant Accounting	3017937	Accountant (N)	2,115.00	35.39	\$47,128.25	\$787.76	\$398.85	\$1,186.61
032577	SSC-Utility Plant Accounting	3018015	Accountant (N)	2,082.00	6.34	\$43,756.91	\$133.47	\$67.58	\$201.05
032577	SSC-Utility Plant Accounting	50008684	Sr Accountant	2,080.00	6.61	\$59,391.60	\$188.15	\$95.26	\$283.41
032577	SSC-Utility Plant Accounting	50079164	Mgr FA/JC	1,752.00	39.40	\$76,026.32	\$1,710.18	\$865.88	\$2,576.06
032577	SSC-Utility Plant Accounting	50240579	Specialist Accounting (N)	980.75	22.02	\$19,763.01	\$443.82	\$224.71	\$668.53
032577	SSC-Utility Plant Accounting	50257556	Accountant (N)	863.00	57.80	\$18,218.45	\$1,223.71	\$619.58	\$1,843.29
032577	SSC-Utility Plant Accounting	50280459	Accountant (N)	2,085.00	5.51	\$46,241.37	\$122.88	\$62.22	\$185.10
032577	SSC-Utility Plant Accounting	50326971	Accountant (N)	1,768.25	5.56	\$39,436.55	\$126.33	\$63.96	\$190.29
032577	SSC-Utility Plant Accounting	50326971	Intmd Accountant	320.00	0.11	\$8,246.37	\$2.88	\$1.46	\$4.34
032577	SSC-Utility Plant Accounting	50335865	Team Lead FA/JC	2,080.00	46.35	\$80,031.17	\$1,783.10	\$902.80	\$2,685.90
032577	SSC-Utility Plant Accounting	50346905	Team Lead FA/JC	2,080.00	46.53	\$71,770.20	\$1,605.55	\$812.91	\$2,418.46
032577	SSC-Utility Plant Accounting	50383043	Sr Accountant	2,080.00	4.34	\$61,699.04	\$128.73	\$65.18	\$193.91
032577	SSC-Utility Plant Accounting	50408298	Specialist Accounting (N)	868.50	19.54	\$17,680.64	\$397.72	\$201.37	\$599.09
032577	SSC-Utility Plant Accounting	50412286	Team Lead FA/JC	2,080.00	46.75	\$81,461.80	\$1,830.94	\$927.02	\$2,757.96
032577	SSC-Utility Plant Accounting	50416637	Sr Accountant	2,080.00	6.30	\$66,776.78	\$201.47	\$102.01	\$303.48
032577	SSC-Utility Plant Accounting	50416744	Sr Accountant	2,080.00	6.78	\$65,231.95	\$212.69	\$107.69	\$320.38
032577	SSC-Utility Plant Accounting	50425927	Sr Accountant	2,072.00	33.43	\$69,268.59	\$1,119.06	\$566.59	\$1,685.65
032577	SSC-Utility Plant Accounting	50425991	Accountant (N)	491.00	34.17	\$10,789.56	\$750.96	\$380.22	\$1,131.18
032577	SSC-Utility Plant Accounting	50425991	Intmd Accountant	1,600.00	88.98	\$40,607.80	\$2,232.40	\$1,130.29	\$3,362.69
032577	SSC-Utility Plant Accounting	50424450	Accountant (N)	1,039.00	332.87	\$23,644.42	\$7,376.77	\$3,734.93	\$11,111.70
032577	SSC-Utility Plant Accounting	50424450	Specialist Accounting (N)	1,086.00	46.69	\$21,153.23	\$909.57	\$460.52	\$1,370.09
032577	SSC-Utility Plant Accounting	50458795	Specialist Accounting (N)	2,086.00	46.89	\$40,335.46	\$906.50	\$458.97	\$1,365.47
032577	SSC-Utility Plant Accounting	50499769	Specialist Accounting (N)	1,083.50	24.33	\$22,575.66	\$506.87	\$256.63	\$763.50
032577 Total				43,052.00	1,112.57	\$1,243,001.46	\$29,279.48	\$14,824.49	\$44,103.97
032578	SSC-Project Management	18507133	Project Mgr	2,080.00	46.75	\$93,692.81	\$2,104.85	\$1,065.71	\$3,170.56
032578	SSC-Project Management	50028931	Project Mgr	2,080.00	42.82	\$86,199.91	\$1,774.59	\$898.49	\$2,673.08
032578 Total				4,160.00	89.57	\$179,892.72	\$3,879.44	\$1,964.20	\$5,843.64
032579	SSC-Employee Services	3003463	Specialist Payroll (N)	2,087.00	22.80	\$44,276.06	\$483.44	\$244.77	\$728.21
032579	SSC-Employee Services	3017512	Supvr HR/Payroll Rptg & Cntrl	2,080.00	45.89	\$81,268.02	\$1,792.21	\$907.41	\$2,699.62
032579	SSC-Employee Services	3017603	Analyst HR (N)	1,596.75	34.68	\$47,891.35	\$1,039.27	\$526.19	\$1,565.46
032579	SSC-Employee Services	3017723	Supvr Payroll Processing	2,080.00	46.38	\$77,740.57	\$1,733.86	\$877.87	\$2,611.73
032579	SSC-Employee Services	3017943	Specialist Payroll (N)	2,105.50	27.40	\$39,312.97	\$510.38	\$258.41	\$768.79
032579	SSC-Employee Services	3018016	Sr Specialist HR Data Mgmt (N)	240.00	1.34	\$5,423.08	\$30.39	\$15.39	\$45.78
032579	SSC-Employee Services	3018016	Sr Specialist Payroll (N)	1,838.25	13.23	\$41,170.36	\$296.45	\$150.10	\$446.55
032579	SSC-Employee Services	18506114	Analyst Payroll	568.00	12.78	\$16,499.30	\$371.47	\$188.08	\$559.55
032579	SSC-Employee Services	18506114	Specialist Payroll Tax (N)	1,512.00	33.97	\$43,916.73	\$986.93	\$499.69	\$1,486.62
032579	SSC-Employee Services	18508700	Sr Specialist Payroll (N)	2,116.00	45.52	\$46,651.11	\$1,003.31	\$507.99	\$1,511.30
032579	SSC-Employee Services	50039533	Analyst HR (N)	2,080.00	45.97	\$55,061.31	\$1,215.76	\$615.55	\$1,831.31
032579	SSC-Employee Services	50044112	Accountant Payroll (N)	880.00	19.80	\$58,916.66	\$1,325.55	\$671.14	\$1,996.69
032579	SSC-Employee Services	50044112	Analyst Payroll	560.00	11.79	\$17,984.72	\$378.67	\$191.72	\$570.39
032579	SSC-Employee Services	50080217	Accountant Payroll (N)	1,520.00	31.35	\$60,598.18	\$1,283.48	\$649.84	\$1,933.32
032579	SSC-Employee Services	50080217	Analyst Payroll	560.00	14.99	\$15,561.14	\$416.49	\$210.87	\$627.36
032579	SSC-Employee Services	50192521	Specialist HRIS (N)	2,085.75	21.19	\$41,099.77	\$419.90	\$212.60	\$632.50
032579	SSC-Employee Services	50231145	Accountant Payroll (N)	280.00	5.13	\$8,988.37	\$164.67	\$83.37	\$248.04
032579	SSC-Employee Services	50231145	Analyst Payroll	560.00	12.60	\$17,876.62	\$402.47	\$203.77	\$606.24
032579	SSC-Employee Services	50231145	Sr Accountant Payroll	1,240.00	21.29	\$62,799.38	\$1,193.67	\$604.37	\$1,798.04
032579	SSC-Employee Services	50254116	Specialist Payroll (N)	1,688.00	31.45	\$36,275.36	\$675.96	\$342.25	\$1,018.21
032579	SSC-Employee Services	50263359	Analyst Payroll	560.00	12.60	\$15,803.88	\$355.60	\$180.04	\$535.64
032579	SSC-Employee Services	50263359	Specialist Payroll Tax (N)	1,520.00	33.27	\$42,908.25	\$939.49	\$475.67	\$1,415.16
032579	SSC-Employee Services	50289591	Analyst Payroll	560.00	1.17	\$16,288.90	\$34.06	\$17.24	\$51.30
032579	SSC-Employee Services	50289591	Specialist Payroll Tax (N)	1,520.00	5.51	\$51,100.10	\$315.30	\$159.64	\$474.94
032579	SSC-Employee Services	50301229	Supvr Payroll Tax & Acctg	2,080.00	45.95	\$74,332.40	\$1,640.52	\$830.61	\$2,471.13
032579	SSC-Employee Services	50302475	Mgr Employee Svcs	2,080.00	46.75	\$97,271.00	\$2,187.34	\$1,107.47	\$3,294.81
032579	SSC-Employee Services	50319768	Accountant Payroll (N)	160.00	3.58	\$4,684.63	\$104.92	\$53.12	\$158.04
032579	SSC-Employee Services	50319768	Analyst Payroll	560.00	12.60	\$16,396.13	\$368.93	\$186.79	\$555.72
032579	SSC-Employee Services	50319768	Specialist Payroll Tax (N)	1,360.00	30.57	\$45,982.90	\$1,033.79	\$523.42	\$1,557.21
032579	SSC-Employee Services	50325820	Sr Specialist HR Data Mgmt (N)	1,841.75	41.28	\$37,607.27	\$843.42	\$427.03	\$1,270.45
032579	SSC-Employee Services	50325820	Sr Specialist Payroll (N)	240.00	5.38	\$5,053.80	\$113.11	\$57.27	\$170.38
032579	SSC-Employee Services	50336939	Specialist Payroll (N)	2,094.50	47.08	\$36,865.26	\$828.49	\$419.47	\$1,247.96
032579	SSC-Employee Services	50365790	Specialist HRIS (N)	2,093.00	47.05	\$41,427.14	\$930.76	\$471.25	\$1,402.01
032579	SSC-Employee Services	50375864	Accountant Payroll (N)	1,520.00	20.15	\$53,740.70	\$839.82	\$425.21	\$1,265.03
032579	SSC-Employee Services	50375864	Analyst Payroll	560.00	5.65	\$14,713.43	\$148.51	\$75.19	\$223.70

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032579	SSC-Employee Services	50392847	Analyst HR (N)	2,087.75	46.44	\$63,661.67	\$1,415.72	\$716.79	\$2,132.51
032579	SSC-Employee Services	50399047	Specialist HRIS (N)	126.00	1.25	\$2,480.65	\$24.56	\$12.43	\$36.99
032579	SSC-Employee Services	50399048	Admin Asst (N)	973.25	21.90	\$17,147.82	\$385.86	\$195.36	\$581.22
032579	SSC-Employee Services	50399048	Specialist HRIS (N)	1,103.50	24.78	\$19,496.06	\$437.70	\$221.61	\$659.31
032579	SSC-Employee Services	50405273	Specialist Payroll (N)	2,083.50	26.45	\$38,033.26	\$484.97	\$245.55	\$730.52
032579	SSC-Employee Services	50424745	Analyst Payroll	600.00	13.50	\$13,153.50	\$296.23	\$149.98	\$446.21
032579	SSC-Employee Services	50444298	Specialist Payroll (N)	2,080.00	46.75	\$38,230.21	\$859.48	\$435.16	\$1,294.64
032579 Total				55,480.50	1,039.23	\$1,565,690.02	\$30,312.91	\$15,347.73	\$45,660.64
032580	SSC-AWE	50044112	Intmd Accountant	640.00	0.54	\$20,553.60	\$17.32	\$8.77	\$26.09
032580 Total				640.00	0.54	\$20,553.60	\$17.32	\$8.77	\$26.09
033005	WE-Administration	50257554	Exec Asst to EMT (N)	2,099.00	-	82,785.03	53.55	\$27.11	\$80.66
033005 Total				2,099.00	-	\$82,785.03	\$53.55	\$27.11	\$80.66
033007	WE-Finance	50099158	Sr Accountant	2,080.00	1.44	\$64,368.15	\$44.32	\$22.44	\$66.76
033007	WE-Finance	50372978	Sr Mgr Compliance (Region)	1,600.00	0.14	\$91,078.28	\$7.92	\$4.01	\$11.93
033007	WE-Finance	50392851	Financial Analyst III (FP&A)	1,824.00	0.90	\$76,633.30	\$37.40	\$18.94	\$56.34
033007 Total				5,504.00	2.48	\$232,079.73	\$89.64	\$45.39	\$135.03
033016	WE-Maintenance	50036512	Mgr Maint	2,080.00	-	\$92,576.23	\$91.64	\$46.40	\$138.04
033016 Total				2,080.00	-	\$92,576.23	\$91.64	\$46.40	\$138.04
033020	WE-Business Development	3018472	Dir Bus Dev (Div/Region)	-	-	\$1,636.63	\$36.82	\$18.64	\$55.46
033020 Total				-	-	\$1,636.63	\$36.82	\$18.64	\$55.46
033503	CE-Customer Relations	50110679	Spec Bill/Pymt Collection (N)	1,211.00	1.81	\$21,057.62	\$31.52	\$15.96	\$47.48
033503 Total				1,211.00	1.81	\$21,057.62	\$31.52	\$15.96	\$47.48
033507	CE-Finance	50395896	Financial Analyst III (FP&A)	2,000.00	0.08	\$74,634.72	\$3.08	\$1.56	\$4.64
033507 Total				2,000.00	0.08	\$74,634.72	\$3.08	\$1.56	\$4.64
033510	CE-Supply Chain	17003412	Mgr Procurement	2,080.00	1.69	\$112,146.04	\$91.86	\$46.51	\$138.37
033510	CE-Supply Chain	50353175	Analyst Procurement Business	2,080.00	16.64	\$54,976.89	\$438.00	\$221.76	\$659.76
033510 Total				4,160.00	18.32	\$167,122.93	\$529.86	\$268.27	\$798.13
033515	CE-Legal	50172198	Corp Counsel III Regional	1,720.00	9.27	\$124,393.02	\$679.11	\$343.84	\$1,022.95
033515 Total				1,720.00	9.27	\$124,393.02	\$679.11	\$343.84	\$1,022.95
033516	CE-Maintenance	10007785	Dir Maintenance	2,040.00	148.35	\$96,714.60	\$7,038.44	\$3,563.63	\$10,602.07
033516	CE-Maintenance	50031334	Sr Administrator CMM5	2,080.00	5.95	\$97,112.86	\$277.50	\$140.50	\$418.00
033516 Total				4,120.00	154.31	\$193,827.46	\$7,315.94	\$3,704.13	\$11,020.07
033519	CE-Operational Risk	9011505	Sr Specialist ORM	2,080.00	162.60	\$54,796.80	\$4,276.29	\$2,165.13	\$6,441.42
033519	CE-Operational Risk	50041231	Dir Operational Risk Mgmt	2,080.00	141.49	\$92,670.25	\$6,301.77	\$3,190.65	\$9,492.42
033519	CE-Operational Risk	50380815	Admin Asst (N)	894.00	32.00	\$17,321.76	\$615.20	\$311.48	\$926.68
033519	CE-Operational Risk	50380815	Specialist ORM (N)	1,206.00	113.16	\$26,396.06	\$2,475.12	\$1,253.18	\$3,728.30
033519 Total				6,260.00	449.25	\$191,184.87	\$13,668.38	\$6,920.44	\$20,588.82
033531	CE-Western CS & S	3000502	Lead Specialist Support ITS	1,840.00	39.92	\$73,351.67	\$1,592.26	\$806.18	\$2,398.44
033531	CE-Western CS & S	3000502	Sr Spec Computer Supp ITS (N)	240.00	5.35	\$9,567.61	\$213.31	\$108.00	\$321.31
033531	CE-Western CS & S	3001971	Lead Specialist Supp ITS (N)	40.00	0.16	\$1,445.52	\$5.95	\$3.01	\$8.96
033531	CE-Western CS & S	3001971	Lead Specialist Support ITS	2,040.00	7.47	\$74,675.49	\$273.42	\$138.44	\$411.86
033531	CE-Western CS & S	3016244	Sr Spec Computer Supp ITS (N)	2,132.50	40.47	\$68,440.50	\$1,300.74	\$658.58	\$1,959.32
033531	CE-Western CS & S	3016513	Lead Specialist Supp ITS (N)	40.00	0.90	\$1,412.10	\$31.75	\$16.08	\$47.83
033531	CE-Western CS & S	3016513	Lead Specialist Support ITS	2,040.00	44.95	\$77,751.66	\$1,714.26	\$867.95	\$2,582.21
033531	CE-Western CS & S	9004446	Team Lead IT Regional Supp (N)	40.00	0.20	\$1,947.05	\$9.86	\$4.99	\$14.85
033531	CE-Western CS & S	9004446	Team Lead IT Regional Support	2,040.00	11.03	\$99,767.60	\$540.54	\$273.68	\$814.22
033531	CE-Western CS & S	17000095	Team Lead IT Regional Supp (N)	40.00	0.09	\$1,704.80	\$3.84	\$1.94	\$5.78
033531	CE-Western CS & S	17000095	Team Lead IT Regional Support	200.00	0.25	\$8,524.00	\$10.55	\$5.34	\$15.89
033531	CE-Western CS & S	17003513	Sr Spec Computer Supp ITS (N)	2,142.00	14.69	\$72,813.51	\$496.32	\$251.29	\$747.61
033531	CE-Western CS & S	18678039	Technical Lead Mobile ITS	2,040.00	58.97	\$114,775.54	\$3,312.71	\$1,677.26	\$4,989.97
033531	CE-Western CS & S	24007396	Sr Spec Computer Supp ITS (N)	2,128.00	53.98	\$70,262.81	\$1,762.21	\$892.22	\$2,654.43
033531	CE-Western CS & S	24011747	Mgr Regional Client Rel ITS	2,080.00	36.01	\$129,555.02	\$2,242.97	\$1,135.64	\$3,378.61
033531	CE-Western CS & S	28007583	Team Lead IT Regional Support	2,040.00	105.80	\$87,196.25	\$4,532.73	\$2,294.97	\$6,827.70
033531	CE-Western CS & S	28007707	Lead Specialist Supp ITS (N)	240.00	0.74	\$10,403.35	\$32.01	\$16.21	\$48.22
033531	CE-Western CS & S	28007707	Lead Specialist Support ITS	1,800.00	2.97	\$78,909.07	\$129.45	\$65.54	\$194.99
033531	CE-Western CS & S	50085802	Specialist Support ITS (N)	2,080.00	38.06	\$61,724.36	\$1,125.37	\$569.79	\$1,695.16
033531	CE-Western CS & S	50085802	Lead Specialist Support ITS	2,040.00	14.51	\$73,331.23	\$528.39	\$267.53	\$795.92
033531	CE-Western CS & S	50087120	Specialist Support ITS (N)	2,114.25	25.20	\$56,439.11	\$675.89	\$342.21	\$1,018.10
033531	CE-Western CS & S	50090809	Specialist Support ITS (N)	2,105.00	16.00	\$54,215.20	\$408.62	\$206.89	\$615.51
033531	CE-Western CS & S	50107203	Specialist Support ITS (N)	1,692.25	38.07	\$42,485.44	\$956.37	\$484.22	\$1,440.59
033531	CE-Western CS & S	50129700	Sr Spec Computer Supp ITS (N)	2,103.00	2.31	\$74,391.94	\$81.16	\$41.09	\$122.25
033531	CE-Western CS & S	50201217	Specialist Support ITS (N)	2,126.00	47.72	\$57,567.71	\$1,292.11	\$654.21	\$1,946.32
033531	CE-Western CS & S	50235071	Specialist Support ITS (N)	2,049.00	45.74	\$56,871.76	\$1,269.29	\$642.65	\$1,911.94
033531	CE-Western CS & S	50270528	Specialist Client Supp I (N)	2,155.50	35.27	\$50,927.30	\$835.97	\$423.26	\$1,259.23
033531	CE-Western CS & S	50285458	Sr Spec Computer Supp ITS (N)	486.75	10.90	\$16,115.25	\$360.83	\$182.69	\$543.52
033531	CE-Western CS & S	50293021	Specialist Support ITS (N)	895.00	176.48	\$29,687.76	\$5,260.69	\$2,663.54	\$7,924.23
033531	CE-Western CS & S	50293021	Sr Spec Computer Supp ITS (N)	1,232.00	188.89	\$42,024.86	\$6,361.44	\$3,220.86	\$9,582.30
033531	CE-Western CS & S	50385745	Specialist Support ITS (N)	2,040.00	2.71	\$51,732.15	\$68.89	\$34.88	\$103.77
033531	CE-Western CS & S	50442586	Specialist Support ITS (N)	2,080.00	0.70	\$55,000.34	\$18.40	\$9.32	\$27.72
033531	CE-Western CS & S	50448277	Analyst Materials ITS (N)	2,040.00	45.64	\$47,298.87	\$1,057.77	\$535.56	\$1,593.33
033531	CE-Western CS & S	50484214	Team Lead IT Regional Supp (N)	1,120.00	19.55	\$41,653.74	\$726.72	\$367.95	\$1,094.67
033531	CE-Western CS & S	50484214	Team Lead IT Regional Support	320.00	5.91	\$12,231.19	\$226.02	\$114.44	\$340.46
033531	CE-Western CS & S	50485334	Specialist Support ITS (N)	482.00	10.80	\$11,842.57	\$265.05	\$134.20	\$399.25
033531 Total				52,332.25	1,148.43	\$1,818,044.33	\$39,723.86	\$20,112.59	\$59,836.45
034005	CCA-Administration	3000197	Sr Specialist Business Svcs	2,080.00	43.30	\$83,279.19	\$1,733.39	\$877.63	\$2,611.02
034005	CCA-Administration	3018180	Specialist Opns & Perf Rptg(N)	2,080.00	46.13	\$50,127.17	\$1,112.57	\$563.31	\$1,675.88
034005	CCA-Administration	9015384	Sr Specialist Business Svcs	2,080.00	45.23	\$69,738.91	\$1,516.43	\$767.78	\$2,284.21
034005	CCA-Administration	24007543	Mgr O&M	2,080.00	46.13	\$136,398.40	\$3,024.80	\$1,531.49	\$4,556.29
034005	CCA-Administration	50305022	VP Customer Svc	2,080.00	46.13	\$177,153.60	\$3,928.43	\$1,989.00	\$5,917.43
034005	CCA-Administration	50476675	Clerk General Service (N)	200.00	0.03	\$2,602.00	\$0.39	\$0.20	\$0.59
034005	CCA-Administration	50511442	Dir CSC Operations	240.00	5.30	\$12,692.40	\$280.50	\$142.02	\$422.52
034005 Total				10,840.00	232.25	\$531,991.67	\$11,596.51	\$5,871.43	\$17,467.94
034018	CCA-Human Resources	50027563	Specialist Human Resources (N)	2,104.75	46.68	\$41,402.29	\$917.98	\$464.78	\$1,382.76
034018	CCA-Human Resources	50166407	Mgr Human Resources	160.00	3.55	\$6,154.00	\$136.60	\$69.16	\$205.76
034018	CCA-Human Resources	50172171	HR Generalist	2,080.00	46.13	\$62,453.75	\$1,384.87	\$701.17	\$2,086.04
034018	CCA-Human Resources	50190040	HR Generalist	2,080.00	46.13	\$54,520.36	\$1,208.60	\$611.93	\$1,820.53
034018	CCA-Human Resources	50190173	HR Generalist	2,080.00	43.82	\$54,245.58	\$1,143.19	\$578.81	\$1,722.00
034018	CCA-Human Resources	50200009	Sr HR Generalist	2,080.00	46.13	\$65,239.20	\$1,447.02	\$732.64	\$2,179.66
034018	CCA-Human Resources	50323974	Specialist Human Resources (N)	2,206.75	48.94	\$44,801.44	\$993.16	\$502.85	\$1,496.01

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
034018	CCA-Human Resources	50491467	Dir HR (CSC)	1,200.00	26.59	\$80,769.00	\$1,789.50	\$906.04	\$2,695.54
034018	Total			13,991.50	307.97	\$409,585.62	\$9,020.92	\$4,567.38	\$13,588.30
034070	CCA-Call Handling	3016448	CSR-3 Specialty Desk Rep	2,023.70	45.23	\$31,485.49	\$703.21	\$356.04	\$1,059.25
034070	CCA-Call Handling	3016771	CSR-4 Time Critical Tech Coord	2,081.00	56.90	\$39,108.96	\$1,065.70	\$539.57	\$1,605.27
034070	CCA-Call Handling	3016776	CSR-3 Call Handling Rep	1,807.00	40.51	\$29,737.45	\$666.67	\$337.54	\$1,004.21
034070	CCA-Call Handling	3016791	CSR-4 Time Critical Tech Coord	2,107.25	56.66	\$36,824.89	\$991.91	\$502.21	\$1,494.12
034070	CCA-Call Handling	3016856	CSR-3 Call Handling Rep	2,004.00	44.87	\$35,529.75	\$794.94	\$402.49	\$1,197.43
034070	CCA-Call Handling	3016858	CSR-3 Call Handling Rep	1,909.75	42.72	\$33,647.80	\$752.10	\$380.80	\$1,132.90
034070	CCA-Call Handling	3016869	CSR-3 Call Handling Rep	2,069.25	46.35	\$33,819.34	\$757.45	\$383.50	\$1,140.95
034070	CCA-Call Handling	3016926	CSR-2 Call Handling Rep	2,116.00	47.38	\$29,486.35	\$660.57	\$334.45	\$995.02
034070	CCA-Call Handling	3017086	CSR-3 Call Handling Rep	2,043.50	45.75	\$35,233.53	\$788.42	\$399.18	\$1,187.60
034070	CCA-Call Handling	3017266	CSR-3 Call Handling Rep	2,118.25	47.46	\$34,693.60	\$777.30	\$393.55	\$1,170.85
034070	CCA-Call Handling	3017490	Mgr Call Handling	2,080.00	46.30	\$84,534.13	\$1,881.19	\$952.47	\$2,833.66
034070	CCA-Call Handling	3017498	CSR-4 Customer Service Spec	274.00	6.08	\$4,613.36	\$102.55	\$51.92	\$154.47
034070	CCA-Call Handling	3017587	CSR-3 Call Handling Rep	2,072.00	46.42	\$32,155.70	\$720.34	\$364.72	\$1,085.06
034070	CCA-Call Handling	3017589	Team Supvr Call Handling	2,080.00	46.59	\$50,191.63	\$1,124.02	\$569.10	\$1,693.12
034070	CCA-Call Handling	3017868	CSR-4 Time Critical Tech Coord	2,133.50	58.79	\$38,272.80	\$1,058.35	\$535.85	\$1,594.20
034070	CCA-Call Handling	3017916	CSR-3 Time Critical Rep	2,072.00	57.36	\$32,744.75	\$905.34	\$458.38	\$1,363.72
034070	CCA-Call Handling	3017927	Team Supvr Call Handling	2,080.00	46.59	\$49,059.61	\$1,098.04	\$555.95	\$1,653.99
034070	CCA-Call Handling	3017930	CSR-4 Customer Service Spec	1,960.75	43.92	\$33,905.72	\$760.18	\$384.89	\$1,145.07
034070	CCA-Call Handling	3017945	CSR-3 Call Handling Rep	2,067.25	46.30	\$32,413.20	\$725.92	\$367.54	\$1,093.46
034070	CCA-Call Handling	3017987	Supvr Floor (N)	2,080.00	46.44	\$38,472.35	\$858.66	\$434.75	\$1,293.41
034070	CCA-Call Handling	3017993	CSR-4 Customer Service Spec	1,182.75	26.26	\$20,867.47	\$463.80	\$234.83	\$698.63
034070	CCA-Call Handling	3018005	Specialist Performance (N)	2,080.75	46.67	\$39,534.48	\$886.14	\$448.66	\$1,334.80
034070	CCA-Call Handling	3018008	CSR-3 Call Handling Rep	1,811.00	40.57	\$29,602.72	\$663.09	\$335.73	\$998.82
034070	CCA-Call Handling	9000304	CSR-3 Call Handling Rep	2,112.00	47.29	\$36,681.23	\$820.41	\$415.38	\$1,235.79
034070	CCA-Call Handling	9015917	CSR-4 Customer Service Spec	869.00	19.29	\$15,137.23	\$336.34	\$170.29	\$506.63
034070	CCA-Call Handling	17002636	Team Supvr Call Handling	2,080.00	46.56	\$50,451.19	\$1,129.45	\$571.85	\$1,701.30
034070	CCA-Call Handling	17007105	CSR-3 Call Handling Rep	420.00	9.47	\$8,113.74	\$182.77	\$92.54	\$275.31
034070	CCA-Call Handling	50019698	CSR-4 Customer Service Spec	1,968.75	44.14	\$38,510.74	\$863.13	\$437.01	\$1,300.14
034070	CCA-Call Handling	50019701	CSR-3 Call Handling Rep	2,380.05	53.25	\$43,994.84	\$984.60	\$514.81	\$1,483.11
034070	CCA-Call Handling	50019732	Team Supvr Call Handling	1,280.00	29.28	\$28,839.97	\$659.40	\$333.86	\$993.26
034070	CCA-Call Handling	50025540	CSR-3 Time Critical Rep	1,964.00	53.82	\$35,079.70	\$956.31	\$484.19	\$1,440.50
034070	CCA-Call Handling	50027582	Supvr Call Handling Group	1,840.00	41.08	\$46,553.48	\$1,039.80	\$526.46	\$1,566.26
034070	CCA-Call Handling	50027582	Team Supvr Call Handling	240.00	5.33	\$5,184.60	\$115.20	\$58.33	\$173.53
034070	CCA-Call Handling	50029314	Team Supvr Call Handling	676.00	15.01	\$12,919.66	\$287.04	\$145.33	\$432.37
034070	CCA-Call Handling	50037332	CSR-3 Time Critical Rep	1,032.00	22.91	\$17,366.40	\$384.95	\$194.90	\$579.85
034070	CCA-Call Handling	50038982	CSR-3 Specialty Desk Rep	626.00	13.90	\$11,113.69	\$246.88	\$125.00	\$371.88
034070	CCA-Call Handling	50039568	Team Supvr Call Handling	2,104.00	47.17	\$53,459.30	\$1,199.27	\$607.20	\$1,806.47
034070	CCA-Call Handling	50043493	Specialist Performance (N)	2,083.50	46.73	\$40,834.03	\$916.33	\$463.95	\$1,380.28
034070	CCA-Call Handling	50047652	CSR-1 Call Handling Rep	2,054.00	45.95	\$24,948.37	\$557.76	\$282.40	\$840.16
034070	CCA-Call Handling	50047677	Team Supvr Call Handling	2,069.50	46.23	\$41,377.81	\$924.76	\$468.22	\$1,392.98
034070	CCA-Call Handling	50048842	CSR-4 Customer Service Spec	2,061.25	46.19	\$35,656.74	\$799.78	\$404.94	\$1,204.72
034070	CCA-Call Handling	50050705	CSR-3 Time Critical Rep	2,076.25	59.80	\$32,595.68	\$938.96	\$475.40	\$1,414.36
034070	CCA-Call Handling	50053132	CSR-4 Customer Service Spec	2,074.00	46.47	\$40,210.60	\$901.26	\$456.32	\$1,357.58
034070	CCA-Call Handling	50053150	CSR-3 Call Handling Rep	2,124.00	47.53	\$34,792.01	\$777.92	\$393.87	\$1,171.79
034070	CCA-Call Handling	50054027	Team Supvr Call Handling	2,080.00	46.53	\$42,942.80	\$960.50	\$486.31	\$1,446.81
034070	CCA-Call Handling	50054136	CSR-3 Call Handling Rep	1,922.75	43.10	\$33,799.86	\$758.02	\$383.79	\$1,141.81
034070	CCA-Call Handling	50057144	CSR-4 Customer Service Spec	2,075.50	46.49	\$35,909.79	\$805.17	\$407.67	\$1,212.84
034070	CCA-Call Handling	50058267	CSR-3 Call Handling Rep	-	-	\$861.28	\$19.12	\$9.68	\$28.80
034070	CCA-Call Handling	50066677	Team Supvr Call Handling	2,080.00	46.53	\$42,667.61	\$955.07	\$483.56	\$1,438.63
034070	CCA-Call Handling	50066681	CSR-3 Specialty Desk Rep	2,106.75	47.06	\$33,303.54	\$743.41	\$376.40	\$1,119.81
034070	CCA-Call Handling	50069140	CSR-3 Call Handling Rep	901.50	20.08	\$14,038.21	\$312.89	\$158.42	\$471.31
034070	CCA-Call Handling	50071066	CSR-3 Call Handling Rep	1,587.00	35.61	\$24,692.96	\$554.16	\$280.58	\$834.74
034070	CCA-Call Handling	50074994	CSR-3 Call Handling Rep	2,120.00	47.50	\$35,070.59	\$785.74	\$397.83	\$1,183.57
034070	CCA-Call Handling	50077116	CSR-3 Call Handling Rep	1,678.25	37.61	\$27,388.14	\$613.61	\$310.68	\$924.29
034070	CCA-Call Handling	50081209	CSR-3 Call Handling Rep	2,248.75	50.30	\$37,647.88	\$841.92	\$426.27	\$1,268.19
034070	CCA-Call Handling	50083286	CSR-3 Call Handling Rep	1,986.50	44.48	\$30,827.35	\$690.21	\$349.46	\$1,039.67
034070	CCA-Call Handling	50083360	CSR-3 Call Handling Rep	2,031.25	45.46	\$31,512.12	\$705.21	\$357.05	\$1,062.26
034070	CCA-Call Handling	50087133	CSR-4 Time Critical Tech Coord	2,123.50	56.85	\$37,425.34	\$1,005.56	\$509.13	\$1,514.69
034070	CCA-Call Handling	50090843	CSR-4 Time Critical Tech Coord	2,117.00	57.31	\$36,819.23	\$998.85	\$505.73	\$1,504.58
034070	CCA-Call Handling	50090855	CSR-4 Customer Service Spec	1,039.75	23.04	\$18,072.91	\$400.44	\$202.75	\$603.19
034070	CCA-Call Handling	50096900	CSR-4 Customer Service Spec	2,106.50	47.23	\$36,451.27	\$817.98	\$414.15	\$1,232.13
034070	CCA-Call Handling	50096921	CSR-3 Time Critical Rep	2,082.50	56.57	\$33,095.14	\$904.13	\$457.77	\$1,361.90
034070	CCA-Call Handling	50098114	CSR-3 Specialty Desk Rep	613.25	13.61	\$9,973.44	\$221.34	\$112.07	\$333.41
034070	CCA-Call Handling	50098137	CSR-3 Call Handling Rep	1,461.75	32.77	\$22,727.41	\$509.58	\$258.01	\$767.59
034070	CCA-Call Handling	50098166	CSR-3 Call Handling Rep	2,113.00	47.32	\$32,989.85	\$738.66	\$373.99	\$1,112.65
034070	CCA-Call Handling	50099170	CSR-4 Customer Service Spec	923.50	20.50	\$15,975.63	\$354.98	\$179.73	\$534.71
034070	CCA-Call Handling	50099172	CSR-3 Call Handling Rep	2,122.25	47.49	\$34,721.51	\$776.44	\$393.12	\$1,169.56
034070	CCA-Call Handling	50099225	CSR-3 Call Handling Rep	2,050.50	45.81	\$31,814.79	\$710.64	\$359.80	\$1,070.44
034070	CCA-Call Handling	50099253	CSR-4 Customer Service Spec	2,126.50	47.68	\$36,795.95	\$825.72	\$418.07	\$1,243.79
034070	CCA-Call Handling	50100190	CSR-4 Customer Service Spec	1,859.00	41.71	\$32,221.08	\$723.53	\$366.33	\$1,089.86
034070	CCA-Call Handling	50101308	CSR-1 Call Handling Rep	2,108.00	47.22	\$26,055.58	\$583.08	\$295.22	\$878.30
034070	CCA-Call Handling	50102796	CSR-3 Time Critical Rep	2,110.00	48.05	\$34,392.49	\$783.23	\$396.56	\$1,179.79
034070	CCA-Call Handling	50103204	CSR-3 Call Handling Rep	2,120.00	47.47	\$33,217.00	\$743.88	\$376.63	\$1,120.51
034070	CCA-Call Handling	50110729	CSR-3 Call Handling Rep	2,023.75	45.36	\$33,479.83	\$750.43	\$379.95	\$1,130.38
034070	CCA-Call Handling	50113938	Specialist Performance (N)	2,081.25	46.68	\$40,790.03	\$915.36	\$463.46	\$1,378.82
034070	CCA-Call Handling	50114004	CSR-4 Customer Service Spec	1,249.75	28.12	\$21,631.35	\$487.02	\$246.58	\$733.60
034070	CCA-Call Handling	50122342	Team Supvr Call Handling	2,080.00	46.66	\$45,069.27	\$1,010.67	\$511.71	\$1,522.38
034070	CCA-Call Handling	50122437	CSR-3 Specialty Desk Rep	2,110.75	47.16	\$33,827.06	\$755.65	\$382.59	\$1,138.24
034070	CCA-Call Handling	50122438	Team Supvr Call Handling	2,080.00	46.33	\$42,317.04	\$943.08	\$477.49	\$1,420.57
034070	CCA-Call Handling	50125811	CSR-3 Call Handling Rep	967.25	21.47	\$14,876.38	\$330.20	\$167.18	\$497.38
034070	CCA-Call Handling	50126003	CSR-1 Call Handling Rep	544.00	12.34	\$6,077.90	\$137.78	\$69.76	\$207.54
034070	CCA-Call Handling	50126015	CSR-3 Specialty Desk Rep	1,568.75	35.14	\$25,148.31	\$562.94	\$285.02	\$847.96
034070	CCA-Call Handling	50126349	Team Supvr Call Handling	2,080.00	46.56	\$40,667.86	\$910.69	\$461.09	\$1,371.78
034070	CCA-Call Handling	50126639	CSR-2 Call Handling Rep	1,138.25	25.27	\$17,388.65	\$386.00	\$195.44	\$581.44
034070	CCA-Call Handling	50126639	CSR-3 Call Handling Rep	530.25	11.98	\$8,325.13	\$188.10	\$95.24	\$283.34
034070	CCA-Call Handling	50130542	CSR-2 Call Handling Rep	1,608.50	35.90	\$22,145.72	\$494.38	\$250.31	\$744.69
034070	CCA-Call Handling	50130558	CSR-4 Customer Service Spec	2,089.00	46.82	\$36,221.07	\$812.63	\$411.44	\$1,224.07

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
034070	CCA-Call Handling	50130559	CSR-2 Call Handling Rep	164.50	3.65	\$2,316.99	\$51.47	\$26.06	\$77.53
034070	CCA-Call Handling	50130784	CSR-4 Time Critical Tech Coord	959.75	21.31	\$16,786.47	\$373.18	\$188.94	\$562.12
034070	CCA-Call Handling	50130786	CSR-2 Call Handling Rep	431.00	9.57	\$5,870.24	\$130.33	\$65.99	\$196.32
034070	CCA-Call Handling	50185975	Supvr Floor (N)	375.75	8.33	\$6,997.28	\$154.49	\$78.22	\$232.71
034070	CCA-Call Handling	50192441	CSR-2 Call Handling Rep	2,108.50	47.17	\$31,931.68	\$714.55	\$361.78	\$1,076.33
034070	CCA-Call Handling	50192441	CSR-3 Call Handling Rep	161.75	3.69	\$2,845.37	\$64.84	\$32.83	\$97.67
034070	CCA-Call Handling	50192456	CSR-4 Customer Service Spec	2,160.00	48.36	\$38,460.45	\$862.09	\$436.48	\$1,298.57
034070	CCA-Call Handling	50192469	CSR-4 Customer Service Spec	1,915.25	42.92	\$33,311.86	\$747.19	\$378.31	\$1,125.50
034070	CCA-Call Handling	50192484	CSR-4 Customer Service Spec	2,034.00	45.60	\$35,295.63	\$792.00	\$401.00	\$1,193.00
034070	CCA-Call Handling	50192488	CSR-4 Customer Service Spec	54.00	1.20	\$928.61	\$20.63	\$10.45	\$31.08
034070	CCA-Call Handling	50192507	CSR-3 Specialty Desk Rep	2,087.95	46.63	\$32,616.37	\$727.73	\$368.46	\$1,096.19
034070	CCA-Call Handling	50199001	Supvr Call Handling Group	1,840.00	41.14	\$49,120.04	\$1,098.09	\$555.97	\$1,654.06
034070	CCA-Call Handling	50233830	Specialist Performance (N)	2,080.00	48.67	\$39,635.57	\$926.91	\$469.30	\$1,396.21
034070	CCA-Call Handling	50235090	Supvr Floor (N)	1,183.00	26.64	\$21,055.95	\$474.08	\$240.03	\$714.11
034070	CCA-Call Handling	50235096	CSR-3 Time Critical Rep	872.00	19.36	\$14,010.25	\$310.87	\$157.40	\$468.27
034070	CCA-Call Handling	50235172	CSR-2 Call Handling Rep	1,825.25	40.87	\$26,557.09	\$594.80	\$301.15	\$895.95
034070	CCA-Call Handling	50235174	CSR-4 Customer Service Spec	1,701.50	38.03	\$29,493.25	\$659.58	\$333.95	\$993.53
034070	CCA-Call Handling	50235184	CSR-3 Time Critical Rep	957.50	21.26	\$15,680.13	\$347.98	\$176.19	\$524.17
034070	CCA-Call Handling	50235185	CSR-4 Customer Service Spec	2,059.00	46.08	\$35,764.45	\$800.62	\$405.36	\$1,205.98
034070	CCA-Call Handling	50250300	CSR-3 Time Critical Rep	2,115.00	57.57	\$34,051.60	\$924.64	\$468.15	\$1,392.79
034070	CCA-Call Handling	50251174	CSR-2 Call Handling Rep	2,100.00	47.01	\$29,578.69	\$662.30	\$335.33	\$997.63
034070	CCA-Call Handling	50258567	Mgr Call Handling	2,080.00	46.46	\$81,356.61	\$1,817.79	\$920.37	\$2,738.16
034070	CCA-Call Handling	50277570	CSR-2 Call Handling Rep	1,298.25	29.20	\$18,018.06	\$405.33	\$205.22	\$610.55
034070	CCA-Call Handling	50277577	CSR-2 Call Handling Rep	2,070.25	46.34	\$28,501.51	\$638.18	\$323.12	\$961.30
034070	CCA-Call Handling	50277580	CSR-4 Customer Service Spec	2,086.00	46.69	\$36,337.21	\$813.52	\$411.89	\$1,225.41
034070	CCA-Call Handling	50277681	CSR-2 Call Handling Rep	272.50	6.05	\$3,493.53	\$77.58	\$39.78	\$116.86
034070	CCA-Call Handling	50279015	CSR-4 Customer Service Spec	2,099.00	47.06	\$36,426.15	\$817.40	\$413.86	\$1,231.26
034070	CCA-Call Handling	50287886	CSR-3 Specialty Desk Rep	600.50	13.33	\$10,716.73	\$237.82	\$120.41	\$358.23
034070	CCA-Call Handling	50287901	CSR-2 Call Handling Rep	1,870.50	41.86	\$25,707.15	\$575.55	\$291.41	\$866.96
034070	CCA-Call Handling	50287902	CSR-3 Specialty Desk Rep	1,616.00	36.15	\$25,215.27	\$563.55	\$285.33	\$848.88
034070	CCA-Call Handling	50297725	CSR-3 Time Critical Rep	2,112.45	48.34	\$33,838.26	\$774.37	\$392.07	\$1,166.44
034070	CCA-Call Handling	50297726	CSR-3 Time Critical Rep	2,048.00	54.99	\$32,598.10	\$871.20	\$441.10	\$1,312.30
034070	CCA-Call Handling	50297739	CSR-2 Call Handling Rep	2,081.75	46.60	\$28,609.90	\$640.58	\$324.33	\$964.91
034070	CCA-Call Handling	50311177	CSR-2 Call Handling Rep	1,998.00	44.68	\$27,701.98	\$619.66	\$313.74	\$933.40
034070	CCA-Call Handling	50311188	CSR-4 Customer Service Spec	2,078.00	46.51	\$36,198.25	\$810.48	\$410.35	\$1,220.83
034070	CCA-Call Handling	50319784	CSR-3 Specialty Desk Rep	2,073.55	46.32	\$32,450.82	\$724.33	\$366.74	\$1,091.07
034070	CCA-Call Handling	50319790	CSR-1 Call Handling Rep	1,813.25	40.54	\$21,959.27	\$490.58	\$248.39	\$738.97
034070	CCA-Call Handling	50319810	Team Supvr Call Handling	1,224.00	27.17	\$26,019.26	\$577.22	\$292.25	\$869.47
034070	CCA-Call Handling	50319827	CSR-2 Call Handling Rep	2,092.00	46.84	\$28,954.09	\$648.43	\$328.31	\$976.74
034070	CCA-Call Handling	50319828	CSR-3 Time Critical Rep	2,045.75	46.82	\$32,705.00	\$749.28	\$379.37	\$1,128.65
034070	CCA-Call Handling	50319831	CSR-3 Time Critical Rep	2,095.25	57.27	\$32,976.70	\$903.28	\$457.34	\$1,360.62
034070	CCA-Call Handling	50331055	CSR-3 Time Critical Rep	2,089.00	47.79	\$34,192.35	\$782.15	\$396.01	\$1,178.16
034070	CCA-Call Handling	50331062	Team Supvr Call Handling	432.50	9.60	\$9,066.33	\$201.28	\$101.91	\$303.19
034070	CCA-Call Handling	50331066	CSR-3 Time Critical Rep	1,138.50	25.34	\$17,958.43	\$399.78	\$202.41	\$602.19
034070	CCA-Call Handling	50331069	CSR-2 Call Handling Rep	2,119.25	47.46	\$29,194.41	\$653.96	\$331.11	\$985.07
034070	CCA-Call Handling	50331080	CSR-1 Call Handling Rep	725.50	16.11	\$8,735.58	\$193.80	\$98.12	\$291.92
034070	CCA-Call Handling	50331080	CSR-2 Call Handling Rep	963.25	21.72	\$13,781.02	\$310.61	\$157.26	\$467.87
034070	CCA-Call Handling	50331081	CSR-3 Specialty Desk Rep	1,654.50	36.94	\$25,829.27	\$576.16	\$291.72	\$867.88
034070	CCA-Call Handling	50331087	CSR-2 Call Handling Rep	1,937.75	43.38	\$27,100.96	\$606.86	\$307.26	\$914.12
034070	CCA-Call Handling	50331981	CSR-3 Specialty Desk Rep	2,044.75	45.66	\$31,958.15	\$712.92	\$360.96	\$1,073.88
034070	CCA-Call Handling	50331982	CSR-2 Call Handling Rep	2,054.00	46.02	\$28,241.04	\$632.88	\$320.43	\$953.31
034070	CCA-Call Handling	50337323	CSR-3 Time Critical Rep	180.00	4.00	\$3,186.48	\$70.71	\$35.80	\$106.51
034070	CCA-Call Handling	50338081	CSR-1 Call Handling Rep	27.25	0.60	\$330.03	\$7.33	\$3.71	\$11.04
034070	CCA-Call Handling	50338081	CSR-2 Call Handling Rep	1,732.50	38.82	\$24,080.05	\$539.70	\$273.26	\$812.96
034070	CCA-Call Handling	50338086	CSR-3 Time Critical Rep	2,080.50	56.99	\$33,557.31	\$917.74	\$464.66	\$1,382.40
034070	CCA-Call Handling	50338171	CSR-3 Time Critical Rep	2,101.25	57.42	\$33,020.40	\$905.70	\$458.56	\$1,364.26
034070	CCA-Call Handling	50338176	CSR-3 Specialty Desk Rep	2,017.75	45.09	\$31,468.15	\$703.13	\$356.00	\$1,059.13
034070	CCA-Call Handling	50339421	CSR-2 Call Handling Rep	2,120.75	47.49	\$29,224.75	\$654.63	\$331.45	\$986.08
034070	CCA-Call Handling	50345812	Team Supvr Call Handling	1,040.00	23.09	\$21,785.40	\$483.60	\$244.85	\$728.45
034070	CCA-Call Handling	50349442	CSR-3 Specialty Desk Rep	341.75	7.59	\$5,711.26	\$126.73	\$64.16	\$190.89
034070	CCA-Call Handling	50349620	CSR-3 Time Critical Rep	1,060.25	23.54	\$16,607.91	\$368.56	\$186.61	\$555.17
034070	CCA-Call Handling	50349623	CSR-3 Time Critical Rep	1,040.00	23.09	\$16,352.20	\$362.90	\$183.74	\$546.64
034070	CCA-Call Handling	50349654	CSR-3 Time Critical Rep	2,031.00	46.48	\$32,295.06	\$739.02	\$374.17	\$1,113.19
034070	CCA-Call Handling	50349657	CSR-1 Call Handling Rep	413.00	9.17	\$4,977.14	\$110.38	\$55.89	\$166.27
034070	CCA-Call Handling	50349657	CSR-2 Call Handling Rep	196.00	4.35	\$3,334.39	\$74.04	\$37.49	\$111.53
034070	CCA-Call Handling	50350552	CSR-3 Specialty Desk Rep	1,753.75	39.21	\$28,132.39	\$628.44	\$318.19	\$946.63
034070	CCA-Call Handling	50350553	CSR-1 Call Handling Rep	1,663.50	37.29	\$20,372.17	\$456.27	\$231.01	\$687.28
034070	CCA-Call Handling	50365708	CSR-1 Call Handling Rep	71.75	1.59	\$1,221.71	\$27.11	\$13.73	\$40.84
034070	CCA-Call Handling	50365745	CSR-3 Specialty Desk Rep	202.00	4.48	\$3,151.26	\$69.93	\$35.41	\$105.34
034070	CCA-Call Handling	50365760	CSR-3 Specialty Desk Rep	2,045.75	45.73	\$31,792.57	\$710.56	\$359.76	\$1,070.32
034070	CCA-Call Handling	50365795	CSR-3 Specialty Desk Rep	2,123.25	47.46	\$34,773.72	\$776.58	\$393.19	\$1,169.77
034070	CCA-Call Handling	50365799	CSR-1 Call Handling Rep	924.25	20.52	\$11,141.75	\$247.06	\$125.09	\$372.15
034070	CCA-Call Handling	50365799	CSR-2 Call Handling Rep	1,161.75	26.17	\$16,082.12	\$362.39	\$183.48	\$545.87
034070	CCA-Call Handling	50365800	CSR-3 Specialty Desk Rep	1,680.50	37.59	\$28,744.97	\$642.56	\$325.33	\$967.89
034070	CCA-Call Handling	50365805	CSR-3 Specialty Desk Rep	2,129.25	47.58	\$33,917.85	\$757.18	\$383.37	\$1,140.55
034070	CCA-Call Handling	50365817	CSR-1 Call Handling Rep	1,803.50	40.17	\$21,996.16	\$489.84	\$248.01	\$737.85
034070	CCA-Call Handling	50365817	CSR-2 Call Handling Rep	160.00	3.59	\$2,353.63	\$52.83	\$26.75	\$79.58
034070	CCA-Call Handling	50366765	CSR-1 Call Handling Rep	2,074.50	46.43	\$25,260.81	\$564.85	\$285.99	\$850.84
034070	CCA-Call Handling	50366796	CSR-3 Specialty Desk Rep	1,693.25	37.78	\$27,018.30	\$602.76	\$305.18	\$907.94
034070	CCA-Call Handling	50366867	CSR-1 Call Handling Rep	708.25	15.72	\$8,517.10	\$188.92	\$95.65	\$284.57
034070	CCA-Call Handling	50366899	CSR-1 Call Handling Rep	678.50	15.32	\$8,338.01	\$188.01	\$95.19	\$283.20
034070	CCA-Call Handling	50397041	Team Supvr Call Handling	2,080.00	55.22	\$40,964.20	\$1,086.64	\$550.18	\$1,636.82
034070	CCA-Call Handling	50397043	CSR-1 Call Handling Rep	1,966.00	44.02	\$23,888.62	\$534.51	\$270.63	\$805.14
034070	CCA-Call Handling	50397047	CSR-1 Call Handling Rep	2,108.50	47.23	\$27,415.90	\$613.61	\$310.68	\$924.29
034070	CCA-Call Handling	50397051	CSR-1 Call Handling Rep	690.00	15.32	\$8,763.83	\$194.37	\$98.41	\$292.78
034070	CCA-Call Handling	50397051	Team Supvr Call Handling	1,400.00	31.50	\$26,896.72	\$605.54	\$306.59	\$912.13
034070	CCA-Call Handling	50397750	CSR-1 Call Handling Rep	1,876.25	41.94	\$22,774.41	\$508.72	\$257.57	\$766.29
034070	CCA-Call Handling	50397750	CSR-2 Call Handling Rep	159.75	3.64	\$2,153.33	\$49.03	\$24.82	\$73.85
034070	CCA-Call Handling	50398066	CSR-1 Call Handling Rep	594.00	13.19	\$10,466.00	\$232.23	\$117.58	\$349.81

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
034070	CCA-Call Handling	50399062	Team Supvr Call Handling	1,280.00	28.42	\$25,415.84	\$564.61	\$285.87	\$850.48
034070	CCA-Call Handling	50399065	CSR-3 Specialty Desk Rep	2,034.00	44.74	\$33,219.60	\$730.61	\$369.92	\$1,100.53
034070	CCA-Call Handling	50405236	CSR-1 Call Handling Rep	1,029.00	22.84	\$12,573.28	\$278.81	\$141.16	\$419.97
034070	CCA-Call Handling	50405258	CSR-1 Call Handling Rep	1,896.70	42.43	\$23,075.20	\$516.07	\$261.29	\$777.36
034070	CCA-Call Handling	50405260	CSR-1 Call Handling Rep	1,940.75	43.45	\$23,564.87	\$527.18	\$266.92	\$794.10
034070	CCA-Call Handling	50405277	CSR-1 Call Handling Rep	2,069.50	46.30	\$25,078.55	\$560.65	\$283.86	\$844.51
034070	CCA-Call Handling	50411320	CSR-1 Call Handling Rep	2,094.25	46.86	\$25,907.14	\$579.22	\$293.26	\$872.48
034070	CCA-Call Handling	50411322	CSR-1 Call Handling Rep	2,065.00	46.23	\$25,126.17	\$562.02	\$284.56	\$846.58
034070	CCA-Call Handling	50411324	CSR-1 Call Handling Rep	1,926.15	43.12	\$23,855.29	\$533.54	\$270.14	\$803.68
034070	CCA-Call Handling	50411347	CSR-1 Call Handling Rep	93.50	2.08	\$1,122.93	\$24.91	\$12.61	\$37.52
034070	CCA-Call Handling	50411368	CSR-1 Call Handling Rep	1,732.00	38.66	\$21,473.20	\$478.96	\$242.50	\$721.46
034070	CCA-Call Handling	50411369	CSR-3 Call Handling Rep	81.50	1.81	\$1,279.47	\$28.40	\$14.38	\$42.78
034070	CCA-Call Handling	50411376	CSR-1 Call Handling Rep	232.75	5.17	\$2,718.20	\$60.25	\$30.51	\$90.76
034070	CCA-Call Handling	50418787	CSR-1 Call Handling Rep	2,092.75	46.85	\$25,381.87	\$567.85	\$287.51	\$855.36
034070	CCA-Call Handling	50418810	CSR-1 Call Handling Rep	272.50	6.05	\$3,310.74	\$73.41	\$37.17	\$110.58
034070	CCA-Call Handling	50418811	CSR-1 Call Handling Rep	1,010.25	22.43	\$12,211.65	\$270.80	\$137.11	\$407.91
034070	CCA-Call Handling	50418814	CSR-1 Call Handling Rep	1,699.50	37.93	\$20,715.91	\$462.22	\$234.03	\$696.25
034070	CCA-Call Handling	50418815	CSR-1 Call Handling Rep	1,685.50	37.77	\$21,011.42	\$470.25	\$238.09	\$708.34
034070	CCA-Call Handling	50418898	CSR-1 Call Handling Rep	1,835.50	41.03	\$23,354.73	\$521.61	\$264.10	\$785.71
034070	CCA-Call Handling	50418902	CSR-1 Call Handling Rep	787.50	17.48	\$9,736.37	\$215.85	\$109.29	\$325.14
034070	CCA-Call Handling	50418905	CSR-1 Call Handling Rep	136.00	3.02	\$2,032.68	\$45.09	\$22.83	\$67.92
034070	CCA-Call Handling	50418910	CSR-3 Specialty Desk Rep	2,080.75	46.47	\$33,644.40	\$751.03	\$380.25	\$1,131.28
034070	CCA-Call Handling	50419113	CSR-1 Call Handling Rep	337.50	7.49	\$3,905.38	\$86.55	\$43.82	\$130.37
034070	CCA-Call Handling	50438106	CSR-1 Call Handling Rep	2,360.25	52.88	\$31,889.70	\$713.93	\$361.47	\$1,075.40
034070	CCA-Call Handling	50438113	CSR-1 Call Handling Rep	2,341.00	52.46	\$30,759.92	\$688.68	\$348.69	\$1,037.37
034070	CCA-Call Handling	50438117	CSR-1 Call Handling Rep	1,915.00	42.78	\$23,862.61	\$532.67	\$269.70	\$802.37
034070	CCA-Call Handling	50438119	CSR-1 Call Handling Rep	75.00	1.67	\$889.26	\$19.71	\$9.98	\$29.69
034070	CCA-Call Handling	50438120	CSR-1 Call Handling Rep	247.50	5.49	\$2,746.57	\$60.86	\$30.81	\$91.67
034070	CCA-Call Handling	50439217	CSR-1 Call Handling Rep	2,187.25	48.96	\$28,565.15	\$638.95	\$323.51	\$962.46
034070	CCA-Call Handling	50439221	CSR-1 Call Handling Rep	1,815.50	40.53	\$22,444.03	\$500.82	\$253.57	\$754.39
034070	CCA-Call Handling	50439222	CSR-1 Call Handling Rep	2,249.50	50.36	\$28,637.82	\$640.70	\$324.39	\$965.09
034070	CCA-Call Handling	50439223	CSR-1 Call Handling Rep	233.75	5.19	\$2,782.54	\$61.67	\$31.22	\$92.89
034070	CCA-Call Handling	50439230	CSR-1 Call Handling Rep	233.75	5.19	\$2,780.35	\$61.65	\$31.21	\$92.86
034070	CCA-Call Handling	50439245	CSR-1 Call Handling Rep	240.25	5.33	\$2,793.06	\$61.90	\$31.34	\$93.24
034070	CCA-Call Handling	50439250	CSR-1 Call Handling Rep	2,134.75	47.80	\$26,567.06	\$594.32	\$300.91	\$895.23
034070	CCA-Call Handling	50439271	CSR-1 Call Handling Rep	2,028.50	45.35	\$24,861.67	\$555.53	\$281.27	\$836.80
034070	CCA-Call Handling	50439272	CSR-1 Call Handling Rep	445.25	9.88	\$5,117.59	\$113.43	\$57.43	\$170.86
034070	CCA-Call Handling	50439279	CSR-1 Call Handling Rep	66.00	1.47	\$463.67	\$10.28	\$5.20	\$15.48
034070	CCA-Call Handling	50439317	CSR-1 Call Handling Rep	251.75	5.59	\$3,091.80	\$68.53	\$34.70	\$103.23
034070	CCA-Call Handling	50476598	CSR-1 Call Handling Rep	231.50	5.14	\$2,576.58	\$57.12	\$28.92	\$86.04
034070	CCA-Call Handling	50476599	CSR-1 Call Handling Rep	826.50	18.51	\$9,566.87	\$214.08	\$108.39	\$322.47
034070	CCA-Call Handling	50476667	CSR-1 Call Handling Rep	475.75	10.56	\$5,376.14	\$119.02	\$60.26	\$179.28
034070	CCA-Call Handling	50476668	CSR-1 Call Handling Rep	105.50	2.34	\$1,150.55	\$25.50	\$12.91	\$38.41
034070	CCA-Call Handling	50476669	CSR-1 Call Handling Rep	864.75	19.36	\$10,000.96	\$223.61	\$113.22	\$336.83
034070	CCA-Call Handling	50476670	CSR-1 Call Handling Rep	463.25	10.28	\$5,234.09	\$116.14	\$58.80	\$174.94
034070	CCA-Call Handling	50476671	CSR-1 Call Handling Rep	398.75	8.85	\$4,480.11	\$99.35	\$50.30	\$149.65
034070	CCA-Call Handling	50476674	CSR-1 Call Handling Rep	100.00	2.22	\$1,101.01	\$24.40	\$12.35	\$36.75
034070	CCA-Call Handling	50476674	CSR-1 Call Handling Rep	709.50	15.78	\$8,160.88	\$181.41	\$91.85	\$273.26
034070	CCA-Call Handling	50476676	CSR-1 Call Handling Rep	953.55	21.37	\$11,067.26	\$247.90	\$125.51	\$373.41
034070	CCA-Call Handling	50477712	CSR-1 Call Handling Rep	952.00	21.35	\$11,033.83	\$247.71	\$125.42	\$373.13
034070	CCA-Call Handling	50477714	CSR-1 Call Handling Rep	25.00	0.56	\$275.25	\$6.10	\$3.09	\$9.19
034070	CCA-Call Handling	50496506	CSR-1 Call Handling Rep	829.50	18.72	\$9,896.04	\$223.31	\$113.06	\$336.37
034070	CCA-Call Handling	50496508	CSR-1 Call Handling Rep	559.25	12.64	\$6,770.78	\$152.97	\$77.45	\$230.42
034070	CCA-Call Handling	50496514	CSR-1 Call Handling Rep	296.25	6.61	\$3,548.05	\$79.12	\$40.06	\$119.18
034070	CCA-Call Handling	50496515	CSR-1 Call Handling Rep	471.50	10.56	\$5,591.01	\$125.21	\$63.40	\$188.61
034070	CCA-Call Handling	50496517	CSR-1 Call Handling Rep	739.25	16.67	\$8,925.42	\$201.07	\$101.80	\$302.87
034070	CCA-Call Handling	50497458	CSR-1 Call Handling Rep	692.70	15.67	\$8,218.75	\$185.67	\$94.01	\$279.68
034070	CCA-Call Handling	50500780	CSR-1 Call Handling Rep	49.50	1.10	\$545.00	\$12.08	\$6.12	\$18.20
034070	CCA-Call Handling	50500781	CSR-1 Call Handling Rep	35.00	0.78	\$385.35	\$8.54	\$4.32	\$12.86
034070	CCA-Call Handling	50500782	CSR-1 Call Handling Rep	548.00	12.43	\$6,183.04	\$140.11	\$70.94	\$211.05
034070	CCA-Call Handling	50500783	CSR-1 Call Handling Rep	579.50	13.15	\$6,542.48	\$148.27	\$75.07	\$223.34
034070	CCA-Call Handling	50500784	CSR-1 Call Handling Rep	563.75	12.77	\$6,362.65	\$143.93	\$72.87	\$216.80
034070	CCA-Call Handling	50500785	CSR-1 Call Handling Rep	180.50	4.04	\$1,987.31	\$44.44	\$22.50	\$66.94
034070	CCA-Call Handling	50500786	CSR-1 Call Handling Rep	651.25	14.79	\$7,361.64	\$167.00	\$84.55	\$251.55
034070	CCA-Call Handling	50500787	CSR-1 Call Handling Rep	175.50	3.90	\$1,932.26	\$42.82	\$21.68	\$64.50
034070	CCA-Call Handling	50500788	CSR-1 Call Handling Rep	20.00	0.44	\$220.20	\$4.88	\$2.47	\$7.35
034070	CCA-Call Handling	50500789	CSR-1 Call Handling Rep	574.25	13.04	\$6,487.88	\$147.19	\$74.52	\$221.71
034070	CCA-Call Handling	50500791	CSR-1 Call Handling Rep	593.75	13.47	\$6,703.49	\$151.98	\$76.95	\$228.93
034070	CCA-Call Handling	50500792	CSR-1 Call Handling Rep	589.75	13.38	\$6,659.21	\$150.88	\$76.39	\$227.27
034070	CCA-Call Handling	50500793	CSR-1 Call Handling Rep	567.00	12.83	\$6,397.70	\$144.47	\$73.15	\$217.62
034070	CCA-Call Handling	50500795	CSR-1 Call Handling Rep	451.00	10.22	\$5,065.89	\$114.65	\$58.05	\$172.70
034070	CCA-Call Handling	50500796	CSR-1 Call Handling Rep	550.50	12.47	\$6,207.38	\$140.42	\$71.10	\$211.52
034070	CCA-Call Handling	50500797	CSR-1 Call Handling Rep	561.00	12.73	\$6,333.07	\$143.56	\$72.69	\$216.25
034070	CCA-Call Handling	50500798	CSR-1 Call Handling Rep	75.50	1.68	\$831.26	\$18.42	\$9.33	\$27.75
034070 Total				346,262.80	7,907.37	\$5,608,496.74	\$128,162.07	\$64,889.74	\$193,051.81
034071	CCA-Billing	3016351	CSR-3 Billing Specialist	1,717.00	38.10	\$26,795.55	\$594.30	\$300.90	\$895.20
034071	CCA-Billing	3016445	CSR-4 Billing Tech Coord	2,085.00	46.24	\$40,846.58	\$905.87	\$458.65	\$1,364.52
034071	CCA-Billing	3016450	CSR-3 Billing Specialist	2,113.50	46.89	\$32,801.07	\$727.59	\$368.39	\$1,095.98
034071	CCA-Billing	3016454	CSR-4 Billing Tech Coord	2,079.50	46.12	\$35,979.03	\$798.57	\$404.32	\$1,202.89
034071	CCA-Billing	3016456	Team Supvr Billing	2,080.00	46.13	\$51,338.28	\$1,138.50	\$576.43	\$1,714.93
034071	CCA-Billing	3016498	CSR-4 Billing Tech Coord	2,259.00	50.15	\$40,613.38	\$902.74	\$457.07	\$1,359.81
034071	CCA-Billing	3016509	CSR-4 Billing Tech Coord	1,936.75	42.95	\$33,613.63	\$745.98	\$377.70	\$1,123.68
034071	CCA-Billing	3016514	CSR-2 Billing Specialist	1,763.50	39.15	\$28,417.25	\$631.14	\$319.55	\$950.69
034071	CCA-Billing	3016514	CSR-3 Billing Specialist	80.00	1.75	\$1,259.44	\$27.49	\$13.92	\$41.41
034071	CCA-Billing	3016520	CSR-3 Billing Specialist	2,106.75	46.74	\$32,695.32	\$725.20	\$367.18	\$1,092.38
034071	CCA-Billing	3016521	CSR-3 Billing Specialist	2,108.00	46.77	\$32,714.94	\$725.56	\$367.36	\$1,092.92
034071	CCA-Billing	3016656	CSR-2 Billing Specialist	2,024.25	44.92	\$35,966.48	\$798.00	\$404.04	\$1,202.04
034071	CCA-Billing	3016656	CSR-3 Billing Specialist	80.00	1.77	\$1,392.80	\$30.80	\$15.59	\$46.39
034071	CCA-Billing	3016673	CSR-4 Billing Tech Coord	2,120.00	47.04	\$38,076.14	\$843.86	\$427.25	\$1,271.11

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
034071	CCA-Billing	3016674	Team Supvr Billing	2,080.00	46.13	\$40,648.49	\$901.98	\$456.68	\$1,358.66
034071	CCA-Billing	3016678	Mgr Billing & Collections	(16.00)	(0.36)	(\$648.24)	(\$14.59)	(\$7.39)	(\$21.98)
034071	CCA-Billing	3016680	CSR-4 Billing Tech Coord	2,041.25	45.27	\$35,584.55	\$789.76	\$399.86	\$1,189.62
034071	CCA-Billing	3016685	CSR-3 Billing Specialist	1,420.25	31.49	\$22,121.22	\$490.35	\$248.27	\$738.62
034071	CCA-Billing	3016852	CSR-2 Billing Specialist	1,391.00	30.88	\$22,423.99	\$497.93	\$252.11	\$750.04
034071	CCA-Billing	3016852	CSR-3 Billing Specialist	566.25	12.53	\$8,884.52	\$196.39	\$99.43	\$295.82
034071	CCA-Billing	3016859	CSR-3 Billing Specialist	1,193.50	26.46	\$21,727.59	\$481.57	\$243.82	\$725.39
034071	CCA-Billing	3016860	CSR-3 Billing Specialist	2,080.00	46.13	\$35,022.23	\$776.54	\$393.17	\$1,169.71
034071	CCA-Billing	3016861	CSR-3 Billing Specialist	1,899.25	42.12	\$31,430.97	\$697.32	\$353.06	\$1,050.38
034071	CCA-Billing	3016862	Specialist Performance (N)	1,440.00	31.92	\$28,191.63	\$625.17	\$316.53	\$941.70
034071	CCA-Billing	3016870	CSR-3 Billing Specialist	1,482.00	32.85	\$23,023.85	\$510.17	\$258.30	\$768.47
034071	CCA-Billing	3016875	CSR-3 Billing Specialist	2,006.00	44.50	\$31,797.15	\$705.05	\$356.97	\$1,062.02
034071	CCA-Billing	3016883	Supvr Billing Group	1,856.00	41.16	\$57,001.32	\$1,264.64	\$640.30	\$1,904.94
034071	CCA-Billing	3016929	CSR-3 Billing Specialist	1,765.25	39.17	\$33,403.89	\$741.03	\$375.19	\$1,116.22
034071	CCA-Billing	3016930	CSR-3 Billing Specialist	2,161.00	47.99	\$36,147.74	\$803.35	\$406.74	\$1,210.09
034071	CCA-Billing	3016931	CSR-3 Billing Specialist	2,084.50	46.24	\$38,741.39	\$858.75	\$434.79	\$1,293.54
034071	CCA-Billing	3017083	CSR-3 Billing Specialist	2,081.00	46.17	\$32,385.25	\$718.30	\$363.68	\$1,081.98
034071	CCA-Billing	3017085	CSR-3 Billing Specialist	2,079.00	46.11	\$36,985.89	\$820.52	\$415.44	\$1,235.96
034071	CCA-Billing	3017088	CSR-2 Billing Specialist	1,553.00	34.46	\$23,933.09	\$531.51	\$269.11	\$800.62
034071	CCA-Billing	3017088	CSR-3 Billing Specialist	87.00	1.92	\$2,155.83	\$47.65	\$24.13	\$71.78
034071	CCA-Billing	3017089	Team Supvr Billing	2,080.00	46.13	\$47,084.88	\$1,044.87	\$529.03	\$1,573.90
034071	CCA-Billing	3017092	CSR-3 Billing Specialist	1,168.00	25.91	\$18,322.03	\$406.25	\$205.69	\$611.94
034071	CCA-Billing	3017173	CSR-3 Billing Specialist	2,084.75	46.25	\$32,458.65	\$720.02	\$364.55	\$1,084.57
034071	CCA-Billing	3017248	CSR-3 Billing Specialist	391.50	8.68	\$7,620.64	\$168.99	\$85.56	\$254.55
034071	CCA-Billing	3017483	Team Supvr Billing	2,065.25	45.80	\$42,341.85	\$939.83	\$475.85	\$1,415.68
034071	CCA-Billing	3017500	CSR-2 Billing Specialist	2,194.00	48.72	\$39,318.90	\$872.77	\$441.89	\$1,314.66
034071	CCA-Billing	3017501	CSR-4 Billing Tech Coord	2,004.50	44.45	\$34,681.41	\$769.59	\$389.65	\$1,159.24
034071	CCA-Billing	3017850	Specialist Performance (N)	2,098.25	46.53	\$41,113.17	\$912.24	\$461.88	\$1,374.12
034071	CCA-Billing	3017919	CSR-3 Billing Specialist	2,063.25	45.77	\$32,017.86	\$710.26	\$359.61	\$1,069.87
034071	CCA-Billing	3017920	Specialist Performance (N)	1,597.00	33.83	\$31,463.70	\$665.99	\$337.20	\$1,003.19
034071	CCA-Billing	3017921	CSR-4 Billing Tech Coord	1,827.00	40.53	\$31,591.78	\$701.45	\$355.15	\$1,056.60
034071	CCA-Billing	3017928	Specialist Performance (N)	2,040.00	45.24	\$39,838.81	\$882.84	\$446.99	\$1,329.83
034071	CCA-Billing	3017992	CSR-2 Billing Specialist	2,083.00	46.22	\$32,126.68	\$712.95	\$360.97	\$1,073.92
034071	CCA-Billing	3017998	CSR-2 Billing Specialist	2,034.75	45.13	\$33,335.61	\$739.25	\$374.29	\$1,113.54
034071	CCA-Billing	3018006	CSR-4 Billing Tech Coord	2,139.50	47.47	\$37,179.29	\$825.67	\$418.04	\$1,243.71
034071	CCA-Billing	3018007	CSR-3 Billing Specialist	1,989.25	44.12	\$30,978.15	\$686.98	\$347.82	\$1,034.80
034071	CCA-Billing	3018069	CSR-3 Billing Specialist	2,071.00	45.93	\$32,136.96	\$712.47	\$360.73	\$1,073.20
034071	CCA-Billing	3018202	Team Supvr Billing	2,080.00	46.13	\$42,133.56	\$933.61	\$472.70	\$1,406.31
034071	CCA-Billing	9000082	Specialist Performance (N)	1,410.00	31.25	\$33,064.90	\$732.73	\$370.99	\$1,103.72
034071	CCA-Billing	9000266	Specialist Performance (N)	1,410.75	31.27	\$42,155.18	\$934.67	\$473.23	\$1,407.90
034071	CCA-Billing	9000405	CSR-4 Billing Tech Coord	2,116.00	46.95	\$36,851.30	\$818.21	\$414.27	\$1,232.48
034071	CCA-Billing	9007798	CSR-4 Billing Tech Coord	2,168.75	48.10	\$38,490.61	\$853.19	\$431.98	\$1,285.17
034071	CCA-Billing	9015913	CSR-2 Billing Specialist	1,544.45	34.29	\$24,457.53	\$542.54	\$274.69	\$817.23
034071	CCA-Billing	9015913	CSR-3 Billing Specialist	618.00	13.69	\$9,757.95	\$216.06	\$109.39	\$325.45
034071	CCA-Billing	50019719	CSR-3 Billing Specialist	2,120.00	47.06	\$32,915.88	\$730.46	\$369.84	\$1,100.30
034071	CCA-Billing	50019728	CSR-3 Billing Specialist	2,334.75	51.87	\$39,726.81	\$883.23	\$447.19	\$1,330.42
034071	CCA-Billing	50019730	CSR-3 Billing Specialist	2,094.00	46.47	\$32,517.59	\$721.45	\$365.28	\$1,086.73
034071	CCA-Billing	50019732	Team Supvr Billing	735.00	16.27	\$16,722.53	\$369.89	\$187.28	\$557.17
034071	CCA-Billing	50021275	CSR-3 Billing Specialist	2,120.00	47.04	\$32,921.24	\$730.22	\$369.72	\$1,099.94
034071	CCA-Billing	50025997	CSR-3 Billing Specialist	2,159.75	47.95	\$41,868.42	\$930.17	\$470.95	\$1,401.12
034071	CCA-Billing	50026038	CSR-3 Billing Specialist	2,098.25	46.56	\$32,782.34	\$727.46	\$368.32	\$1,095.78
034071	CCA-Billing	50026050	CSR-3 Billing Specialist	2,058.75	45.66	\$31,953.88	\$708.73	\$358.84	\$1,067.57
034071	CCA-Billing	50026052	CSR-3 Billing Specialist	2,066.75	45.86	\$32,957.16	\$731.18	\$370.20	\$1,101.38
034071	CCA-Billing	50027566	CSR-3 Billing Specialist	2,082.50	46.20	\$37,227.58	\$825.74	\$418.08	\$1,243.82
034071	CCA-Billing	50027581	CSR-3 Billing Specialist	1,821.00	40.41	\$28,244.22	\$626.70	\$317.30	\$944.00
034071	CCA-Billing	50027598	Mgr Billing	480.00	10.61	\$16,338.02	\$361.19	\$182.87	\$544.06
034071	CCA-Billing	50027598	Supvr Billing Group	1,600.00	35.52	\$50,446.97	\$1,120.26	\$567.20	\$1,687.46
034071	CCA-Billing	50027600	CSR-2 Billing Specialist	639.75	14.20	\$9,314.33	\$206.55	\$104.58	\$311.13
034071	CCA-Billing	50027600	CSR-3 Billing Specialist	1,477.00	32.78	\$22,978.10	\$509.85	\$258.14	\$767.99
034071	CCA-Billing	50027601	CSR-2 Billing Specialist	1,302.00	28.87	\$21,499.14	\$476.83	\$241.42	\$718.25
034071	CCA-Billing	50027607	CSR-2 Billing Specialist	1,490.50	33.09	\$22,595.78	\$501.35	\$253.84	\$755.19
034071	CCA-Billing	50027607	CSR-3 Billing Specialist	600.00	13.28	\$9,482.45	\$209.76	\$106.20	\$315.96
034071	CCA-Billing	50042202	CSR-3 Billing Specialist	2,060.75	45.72	\$32,163.72	\$713.46	\$361.23	\$1,074.69
034071	CCA-Billing	50043568	CSR-3 Billing Specialist	455.50	10.14	\$7,075.98	\$157.53	\$79.76	\$237.29
034071	CCA-Billing	50043646	CSR-3 Billing Specialist	2,100.25	46.61	\$32,596.78	\$723.24	\$366.18	\$1,089.42
034071	CCA-Billing	50043733	CSR-2 Billing Specialist	2,088.50	46.35	\$28,877.33	\$641.35	\$324.72	\$966.07
034071	CCA-Billing	50045486	CSR-2 Billing Specialist	1,752.25	38.87	\$27,022.40	\$599.72	\$303.64	\$903.36
034071	CCA-Billing	50045514	CSR-3 Billing Specialist	1,753.00	38.89	\$27,217.16	\$603.69	\$305.65	\$909.34
034071	CCA-Billing	50047670	CSR-2 Billing Specialist	673.25	14.95	\$9,175.07	\$203.72	\$103.15	\$306.87
034071	CCA-Billing	50047670	CSR-3 Billing Specialist	1,380.75	30.62	\$21,516.31	\$477.04	\$241.53	\$718.57
034071	CCA-Billing	50048833	CSR-2 Billing Specialist	1,442.25	32.02	\$19,729.84	\$438.12	\$221.82	\$659.94
034071	CCA-Billing	50048833	CSR-3 Billing Specialist	629.00	13.95	\$9,870.58	\$218.75	\$110.76	\$329.51
034071	CCA-Billing	50053128	CSR-2 Billing Specialist	2,019.00	44.80	\$36,307.54	\$805.74	\$407.95	\$1,213.69
034071	CCA-Billing	50053128	CSR-3 Billing Specialist	83.00	1.84	\$1,457.25	\$32.20	\$16.30	\$48.50
034071	CCA-Billing	50054135	CSR-2 Billing Specialist	1,934.00	42.92	\$28,398.95	\$630.15	\$319.05	\$949.20
034071	CCA-Billing	50054135	CSR-3 Billing Specialist	51.00	1.13	\$888.01	\$19.61	\$9.93	\$29.54
034071	CCA-Billing	50054135	CSR-3 Collections Rep	81.00	1.79	\$1,272.40	\$28.12	\$14.24	\$42.36
034071	CCA-Billing	50054157	CSR-3 Billing Specialist	2,082.25	46.19	\$32,440.83	\$719.50	\$364.29	\$1,083.79
034071	CCA-Billing	50054159	Team Supvr Billing	609.75	13.54	\$11,955.71	\$265.29	\$134.32	\$399.61
034071	CCA-Billing	50057171	CSR-2 Billing Specialist	2,010.00	44.61	\$35,878.56	\$796.41	\$403.23	\$1,199.64
034071	CCA-Billing	50057171	CSR-3 Billing Specialist	80.00	1.77	\$1,398.30	\$30.87	\$15.63	\$46.50
034071	CCA-Billing	50057171	CSR-3 Collections Rep	40.00	0.89	\$699.15	\$15.46	\$7.83	\$23.29
034071	CCA-Billing	50057254	CSR-2 Billing Specialist	2,567.00	56.96	\$46,404.16	\$1,029.65	\$521.32	\$1,550.97
034071	CCA-Billing	50066678	CSR-2 Billing Specialist	1,995.00	44.27	\$27,406.41	\$608.63	\$308.16	\$916.79
034071	CCA-Billing	50066678	CSR-3 Billing Specialist	80.00	1.77	\$1,255.22	\$27.72	\$14.03	\$41.75
034071	CCA-Billing	50066678	CSR-3 Collections Rep	40.00	0.88	\$627.62	\$13.86	\$7.02	\$20.88
034071	CCA-Billing	50074203	CSR-2 Billing Specialist	2,148.25	47.67	\$29,969.13	\$664.85	\$336.62	\$1,001.47
034071	CCA-Billing	50075088	CSR-2 Billing Specialist	2,048.00	45.43	\$33,436.13	\$741.64	\$375.50	\$1,117.14
034071	CCA-Billing	50077092	Specialist Performance (N)	2,101.00	46.59	\$41,249.37	\$915.28	\$463.42	\$1,378.70

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
034071	CCA-Billing	50077094	CSR-2 Billing Specialist	1,692.00	37.55	\$23,230.14	\$515.69	\$261.10	\$776.79
034071	CCA-Billing	50081138	CSR-3 Billing Specialist	1,287.75	28.55	\$20,080.94	\$445.12	\$225.37	\$670.49
034071	CCA-Billing	50087129	CSR-3 Billing Specialist	2,022.50	44.85	\$31,452.74	\$697.33	\$353.07	\$1,050.40
034071	CCA-Billing	50087138	CSR-2 Billing Specialist	2,128.50	47.25	\$34,825.32	\$772.54	\$391.14	\$1,163.68
034071	CCA-Billing	50090873	CSR-2 Billing Specialist	2,051.25	45.50	\$28,181.12	\$625.42	\$316.66	\$942.08
034071	CCA-Billing	50093441	CSR-2 Billing Specialist	2,124.00	47.14	\$29,192.69	\$648.31	\$328.25	\$976.56
034071	CCA-Billing	50096928	CSR-4 Billing Tech Coord	1,925.25	42.69	\$33,325.45	\$739.50	\$374.42	\$1,113.92
034071	CCA-Billing	50098140	CSR-3 Billing Specialist	2,064.50	45.80	\$32,035.42	\$710.48	\$359.72	\$1,070.20
034071	CCA-Billing	50098239	CSR-2 Billing Specialist	2,119.75	47.05	\$29,133.84	\$646.96	\$327.56	\$974.52
034071	CCA-Billing	50099168	CSR-2 Billing Specialist	1,295.00	28.76	\$17,727.19	\$393.71	\$199.34	\$593.05
034071	CCA-Billing	50099169	CSR-2 Billing Specialist	1,051.50	23.34	\$14,572.35	\$323.50	\$163.79	\$487.29
034071	CCA-Billing	50099175	CSR-2 Billing Specialist	2,058.00	45.65	\$28,275.75	\$627.50	\$317.71	\$945.21
034071	CCA-Billing	50099250	CSR-2 Billing Specialist	864.00	19.18	\$12,510.43	\$277.45	\$140.48	\$417.93
034071	CCA-Billing	50101335	CSR-3 Billing Specialist	2,129.25	47.26	\$33,130.62	\$735.12	\$372.20	\$1,107.32
034071	CCA-Billing	50102794	CSR-3 Billing Specialist	60.25	1.34	\$1,111.21	\$24.66	\$12.49	\$37.15
034071	CCA-Billing	50104088	CSR-2 Billing Specialist	2,113.50	46.94	\$34,681.79	\$770.15	\$389.93	\$1,160.08
034071	CCA-Billing	50105755	CSR-2 Billing Specialist	1,109.00	24.61	\$15,167.04	\$336.79	\$170.52	\$507.31
034071	CCA-Billing	50110679	CSR-2 Billing Specialist	880.00	19.54	\$11,985.74	\$266.08	\$134.72	\$400.80
034071	CCA-Billing	50110680	Specialist Performance (N)	2,100.25	46.58	\$41,065.33	\$910.76	\$461.13	\$1,371.89
034071	CCA-Billing	50110714	CSR-3 Billing Specialist	2,083.25	46.22	\$32,339.61	\$717.11	\$363.08	\$1,080.19
034071	CCA-Billing	50110726	CSR-2 Billing Specialist	2,123.50	47.14	\$29,182.61	\$648.08	\$328.13	\$976.21
034071	CCA-Billing	50113865	Team Supvr Billing	2,080.00	46.13	\$40,750.49	\$904.54	\$457.98	\$1,362.52
034071	CCA-Billing	50122296	CSR-2 Billing Specialist	1,951.25	43.28	\$26,947.56	\$597.95	\$302.75	\$900.70
034071	CCA-Billing	50125879	CSR-2 Billing Specialist	2,037.75	45.20	\$30,906.82	\$685.08	\$346.86	\$1,031.94
034071	CCA-Billing	50126647	CSR-2 Billing Specialist	2,119.25	47.04	\$29,123.67	\$646.76	\$327.46	\$974.22
034071	CCA-Billing	50126648	CSR-2 Billing Specialist	1,768.50	28.14	\$17,522.57	\$388.95	\$196.93	\$585.88
034071	CCA-Billing	50130525	CSR-2 Billing Specialist	1,923.00	42.66	\$26,434.55	\$586.60	\$297.00	\$883.60
034071	CCA-Billing	50130561	CSR-2 Billing Specialist	1,773.00	39.32	\$24,382.30	\$541.00	\$273.91	\$814.91
034071	CCA-Billing	50137060	CSR-2 Billing Specialist	1,591.25	35.29	\$21,980.16	\$487.73	\$246.94	\$734.67
034071	CCA-Billing	50147438	CSR-2 Billing Specialist	2,082.50	46.20	\$32,182.84	\$714.59	\$361.80	\$1,076.39
034071	CCA-Billing	50187298	CSR-2 Billing Specialist	2,125.00	47.16	\$29,201.69	\$648.42	\$328.30	\$976.72
034071	CCA-Billing	50192487	CSR-2 Billing Specialist	2,103.75	46.68	\$31,944.03	\$708.11	\$358.52	\$1,066.63
034071	CCA-Billing	50251098	CSR-2 Billing Specialist	966.75	21.46	\$13,199.68	\$293.05	\$148.37	\$441.42
034071	CCA-Billing	50251232	CSR-2 Billing Specialist	1,483.00	32.92	\$20,421.93	\$453.42	\$229.57	\$682.99
034071	CCA-Billing	50251232	CSR-3 Billing Specialist	640.00	14.20	\$10,043.19	\$222.65	\$112.73	\$335.38
034071	CCA-Billing	50277582	CSR-2 Billing Specialist	1,464.50	32.48	\$20,130.03	\$446.69	\$226.16	\$672.85
034071	CCA-Billing	50287892	CSR-2 Billing Specialist	1,801.13	39.96	\$24,738.67	\$549.03	\$277.98	\$827.01
034071	CCA-Billing	50297724	CSR-2 Billing Specialist	2,080.00	46.13	\$28,578.25	\$634.15	\$321.08	\$955.23
034071	CCA-Billing	50297742	CSR-2 Billing Specialist	2,076.00	45.71	\$28,700.61	\$632.13	\$320.05	\$952.18
034071	CCA-Billing	50319816	CSR-2 Billing Specialist	501.90	11.13	\$6,901.85	\$153.17	\$77.55	\$230.72
034071	CCA-Billing			230,018.73	5,101.14	\$3,840,074.21	\$85,161.32	\$43,118.03	\$128,279.35
034072	CCA-Collections	3016239	Collection Liaison	1,680.00	37.29	\$45,095.51	\$1,000.69	\$506.66	\$1,507.35
034072	CCA-Collections	3016668	CSR-3 Collections Rep	1,931.25	42.85	\$30,170.10	\$669.39	\$338.92	\$1,008.31
034072	CCA-Collections	3016775	CSR-2 Collections Rep	935.75	20.41	\$13,606.24	\$296.76	\$150.25	\$447.01
034072	CCA-Collections	3016864	CSR-3 Collections Rep	1,097.00	24.35	\$17,030.95	\$377.91	\$191.34	\$569.25
034072	CCA-Collections	3016922	CSR-3 Collections Rep	2,214.75	49.08	\$35,369.47	\$783.59	\$396.74	\$1,180.33
034072	CCA-Collections	3017081	CSR-3 Collections Rep	1,715.00	38.03	\$30,408.60	\$674.42	\$341.47	\$1,015.89
034072	CCA-Collections	3017165	Team Supvr Collections	2,080.00	46.13	\$43,966.01	\$974.41	\$493.35	\$1,467.76
034072	CCA-Collections	3017245	Specialist Performance (N)	697.00	15.47	\$13,837.51	\$306.92	\$155.40	\$462.32
034072	CCA-Collections	3017489	CSR-4 Collections Tech Coord	2,026.00	44.87	\$39,259.20	\$868.98	\$439.97	\$1,308.95
034072	CCA-Collections	3017854	Specialist Performance (N)	697.50	15.48	\$13,771.36	\$306.00	\$154.93	\$460.93
034072	CCA-Collections	3017995	CSR-2 Collections Rep	2,070.00	45.43	\$32,821.99	\$718.75	\$363.91	\$1,082.66
034072	CCA-Collections	9015798	CSR-2 Collections Rep	1,715.75	38.04	\$26,277.16	\$581.97	\$294.66	\$876.63
034072	CCA-Collections	17002622	Specialist Performance (N)	2,084.00	46.22	\$44,438.55	\$985.99	\$499.22	\$1,485.21
034072	CCA-Collections	50015219	CSR-4 Collections Tech Coord	2,119.00	45.81	\$36,783.86	\$795.72	\$402.88	\$1,198.60
034072	CCA-Collections	50019729	CSR-3 Collections Rep	2,026.00	44.45	\$31,603.04	\$693.24	\$350.99	\$1,044.23
034072	CCA-Collections	50021279	CSR-3 Collections Rep	2,040.50	45.23	\$31,763.31	\$703.92	\$356.40	\$1,060.32
034072	CCA-Collections	50025544	CSR-3 Collections Rep	1,246.00	19.42	\$20,374.48	\$322.03	\$163.05	\$485.08
034072	CCA-Collections	50026056	Team Supvr Collections	2,080.00	46.13	\$45,891.72	\$1,017.04	\$514.94	\$1,531.98
034072	CCA-Collections	50033303	CSR-4 Collections Tech Coord	2,161.25	47.44	\$38,129.67	\$838.32	\$424.45	\$1,262.77
034072	CCA-Collections	50037458	CSR-3 Collections Rep	1,922.25	39.14	\$31,435.60	\$641.13	\$324.61	\$965.74
034072	CCA-Collections	50039566	CSR-3 Collections Rep	2,145.75	44.57	\$33,509.06	\$695.10	\$351.94	\$1,047.04
034072	CCA-Collections	50043241	CSR-3 Collections Rep	2,176.25	48.29	\$34,334.67	\$761.65	\$385.63	\$1,147.28
034072	CCA-Collections	50043538	Collection Liaison	1,944.00	43.11	\$44,557.10	\$987.72	\$500.09	\$1,487.81
034072	CCA-Collections	50043621	CSR-3 Collections Rep	2,146.00	40.18	\$34,671.61	\$650.62	\$329.42	\$980.04
034072	CCA-Collections	50054113	CSR-3 Collections Rep	2,195.50	48.64	\$40,103.34	\$888.45	\$449.83	\$1,338.28
034072	CCA-Collections	50054125	CSR-3 Collections Rep	2,303.75	50.95	\$42,414.14	\$938.06	\$474.95	\$1,413.01
034072	CCA-Collections	50058246	CSR-4 Collections Tech Coord	1,447.00	31.28	\$25,206.07	\$545.16	\$276.02	\$821.18
034072	CCA-Collections	50090868	CSR-3 Collections Rep	2,029.75	44.92	\$31,812.47	\$703.75	\$356.32	\$1,060.07
034072	CCA-Collections	50098237	CSR-3 Collections Rep	1,740.75	38.49	\$27,139.83	\$599.96	\$303.77	\$903.73
034072	CCA-Collections	50108020	CSR-3 Collections Rep	1,809.75	23.29	\$28,124.65	\$361.38	\$182.97	\$544.35
034072	CCA-Collections	50113919	CSR-2 Collections Rep	2,123.00	47.11	\$29,218.57	\$648.75	\$328.47	\$977.22
034072	CCA-Collections	50125810	Mgr Collections	2,080.00	46.13	\$76,762.53	\$1,702.17	\$861.83	\$2,564.00
034072	CCA-Collections	50251095	CSR-3 Collections Rep	1,827.75	40.53	\$29,459.73	\$653.05	\$330.65	\$983.70
034072	CCA-Collections	50251099	CSR-2 Collections Rep	2,119.50	45.75	\$29,311.57	\$631.58	\$319.78	\$951.36
034072	CCA-Collections	50277581	CSR-3 Collections Rep	2,102.50	46.63	\$32,794.75	\$727.13	\$368.15	\$1,095.28
034072	CCA-Collections	50287900	CSR-2 Collections Rep	2,119.00	46.05	\$29,203.74	\$634.52	\$321.26	\$955.78
034072	CCA-Collections	50349619	CSR-3 Collections Rep	1,796.50	39.86	\$29,663.22	\$658.07	\$333.19	\$991.26
034072	CCA-Collections			68,645.75	1,477.03	\$1,220,321.38	\$26,344.30	\$13,338.38	\$39,682.68
034073	CCA-Operations & Performance	3016378	Analyst Traffic & Scheduling	2,080.00	46.13	\$49,049.26	\$1,087.56	\$550.64	\$1,638.20
034073	CCA-Operations & Performance	3016460	Sr Analyst Financial	2,080.00	46.13	\$79,313.59	\$1,758.77	\$890.48	\$2,649.25
034073	CCA-Operations & Performance	3016788	Analyst Traffic & Scheduling	2,080.00	46.13	\$48,218.95	\$1,068.86	\$541.17	\$1,610.03
034073	CCA-Operations & Performance	3016866	Sr Analyst Financial	2,080.00	46.13	\$73,988.77	\$1,640.91	\$830.81	\$2,471.72
034073	CCA-Operations & Performance	3017169	Intnd Financial Analyst	2,080.00	46.09	\$58,501.68	\$1,297.03	\$656.70	\$1,953.73
034073	CCA-Operations & Performance	50048770	Analyst Traffic & Scheduling	2,080.00	46.13	\$43,767.37	\$970.58	\$491.41	\$1,461.99
034073	CCA-Operations & Performance	50104098	Analyst Traffic & Scheduling	1,551.75	34.40	\$30,384.12	\$673.52	\$341.01	\$1,014.53
034073	CCA-Operations & Performance	50113909	Analyst Traffic & Scheduling	1,880.00	41.69	\$36,884.87	\$817.85	\$414.09	\$1,231.94
034073	CCA-Operations & Performance	50224685	Mgr CSC Ops & Performance	434.00	9.63	\$18,926.23	\$419.91	\$212.60	\$632.51
034073	CCA-Operations & Performance	50224685	Mgr Traffic Scheduling CSC	1,400.00	31.03	\$61,313.86	\$1,358.70	\$687.92	\$2,046.62

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
034073	CCA-Operations & Performance	50399062	Analyst Traffic & Scheduling	800.00	17.71	\$16,170.57	\$358.38	\$181.45	\$539.83
034073	CCA-Operations & Performance	50511442	Dir Operations II	216.00	4.77	\$11,423.16	\$252.45	\$127.82	\$380.27
034073 Total				18,761.75	415.97	\$527,942.43	\$11,704.52	\$5,926.12	\$17,630.64
034074	CCA-Business Services	3000129	Specialist Business Svcs WQ	1,400.00	31.03	\$41,297.90	\$915.52	\$463.54	\$1,379.06
034074	CCA-Business Services	3000129	Specialist Water Quality	680.00	15.10	\$19,821.16	\$440.30	\$222.93	\$663.23
034074	CCA-Business Services	3016241	Specialist Business Svcs	676.00	15.01	\$20,419.42	\$452.93	\$229.32	\$682.25
034074	CCA-Business Services	3016241	Sr Specialist Business Svcs	1,400.00	31.03	\$44,841.92	\$994.20	\$503.37	\$1,497.57
034074	CCA-Business Services	3017079	Supvr Business Services CSC	1,960.00	40.28	\$53,881.90	\$1,108.07	\$561.03	\$1,669.10
034074	CCA-Business Services	3017079	Supvr Business Services IDA	120.00	2.65	\$3,399.30	\$75.15	\$38.05	\$113.20
034074	CCA-Business Services	3017162	Sr Specialist Business Svcs	2,080.00	46.13	\$56,900.78	\$1,261.99	\$638.96	\$1,900.95
034074	CCA-Business Services	9000082	Specialist Performance (N)	680.00	15.10	\$15,811.69	\$351.03	\$177.73	\$528.76
034074	CCA-Business Services	9000266	Specialist Performance (N)	680.00	15.10	\$20,173.86	\$447.94	\$226.80	\$674.74
034074	CCA-Business Services	22004830	Mgr Business Services	2,080.00	46.13	\$119,996.20	\$2,660.81	\$1,347.19	\$4,008.00
034074	CCA-Business Services	24006612	Sr Specialist Business Svcs	2,080.00	46.13	\$81,786.80	\$1,814.18	\$918.54	\$2,732.72
034074	CCA-Business Services	50021281	Specialist Escalation CSC (N)	2,112.25	46.84	\$36,947.11	\$818.68	\$414.51	\$1,233.19
034074	CCA-Business Services	50026042	Specialist Escalation CSC (N)	2,094.25	46.44	\$45,189.32	\$1,002.67	\$507.66	\$1,510.33
034074	CCA-Business Services	50087119	Specialist Escalation CSC (N)	2,145.00	47.57	\$46,643.36	\$1,034.40	\$1,034.40	\$1,558.13
034074	CCA-Business Services	50109267	Specialist Escalation CSC (N)	1,205.00	26.74	\$21,562.46	\$477.91	\$241.97	\$719.88
034074	CCA-Business Services	50122433	Specialist Business Svcs	2,080.00	46.13	\$46,477.65	\$1,030.01	\$521.50	\$1,551.51
034074	CCA-Business Services	50122457	Specialist Escalation CSC (N)	2,096.00	46.48	\$36,307.31	\$805.77	\$407.97	\$1,213.74
034074	CCA-Business Services	50198892	Specialist Business Svcs	640.00	14.21	\$14,402.46	\$320.00	\$162.02	\$482.02
034074 Total				26,208.50	578.09	\$725,860.60	\$16,011.56	\$8,106.81	\$24,118.37
034075	CCA-Education & Development	3016243	Sr Spec Educ & Staff Dev	2,080.00	46.13	\$58,845.69	\$1,305.91	\$661.20	\$1,967.11
034075	CCA-Education & Development	3016523	Spec Educ & Staff Dev (N)	2,154.50	47.78	\$45,049.43	\$998.60	\$505.60	\$1,504.20
034075	CCA-Education & Development	3016666	Spec Educ & Staff Dev (N)	2,123.25	47.09	\$45,160.56	\$1,001.72	\$507.18	\$1,508.90
034075	CCA-Education & Development	50015291	Mgr Educ & Staff Development	160.00	3.54	\$5,340.39	\$118.01	\$59.75	\$177.76
034075	CCA-Education & Development	50015291	Mgr Educ Dev & Quality	1,920.00	42.59	\$62,528.80	\$1,388.00	\$702.76	\$2,090.76
034075	CCA-Education & Development	50122292	Training Asst (N)	2,080.00	46.13	\$33,174.14	\$735.59	\$372.44	\$1,108.03
034075	CCA-Education & Development	50176161	Sr Spec Educ & Staff Dev	2,080.00	46.06	\$54,029.40	\$1,197.20	\$606.15	\$1,803.35
034075	CCA-Education & Development	50184754	Sr Spec Educ & Staff Dev	2,080.00	45.88	\$54,711.01	\$1,206.29	\$610.76	\$1,817.05
034075	CCA-Education & Development	50187268	Training Asst (N)	2,080.00	46.02	\$38,435.76	\$850.41	\$430.57	\$1,280.98
034075	CCA-Education & Development	50202870	Sr Spec Educ & Staff Dev	2,080.00	45.38	\$56,982.82	\$1,242.00	\$628.84	\$1,870.84
034075	CCA-Education & Development	50235170	Spec Educ & Staff Dev (N)	2,116.25	46.93	\$42,028.16	\$931.51	\$471.63	\$1,403.14
034075	CCA-Education & Development	50319820	Analyst QA (N)	360.00	7.99	\$6,536.25	\$144.90	\$73.36	\$218.26
034075 Total				21,314.00	471.52	\$502,822.41	\$11,120.14	\$5,630.24	\$16,750.38
034517	BVLAB-Water Quality	3000171	Chemist III	1,240.00	29.14	\$34,426.70	\$809.15	\$409.68	\$1,218.83
034517	BVLAB-Water Quality	3000171	Sr Lab Analyst	840.00	19.74	\$23,093.70	\$542.85	\$274.85	\$817.70
034517	BVLAB-Water Quality	3000175	Mgr Chemistry	2,080.00	48.79	\$86,042.99	\$2,018.28	\$1,021.88	\$3,040.16
034517	BVLAB-Water Quality	3000202	Mgr QA/QC Water Quality	2,080.00	48.88	\$83,454.40	\$1,961.45	\$993.10	\$2,954.55
034517	BVLAB-Water Quality	3001616	Chemist I (N)	1,240.00	29.14	\$29,798.10	\$700.40	\$354.62	\$1,055.02
034517	BVLAB-Water Quality	3001616	Lab Analyst (N)	840.00	19.74	\$20,015.06	\$470.40	\$238.17	\$708.57
034517	BVLAB-Water Quality	3001952	Chemist I (N)	1,241.00	29.16	\$29,487.21	\$692.84	\$350.79	\$1,043.63
034517	BVLAB-Water Quality	3001952	Lab Analyst (N)	847.50	19.92	\$20,047.94	\$471.21	\$238.58	\$709.79
034517	BVLAB-Water Quality	3003152	Chemist I (N)	1,243.00	29.21	\$26,671.52	\$626.85	\$317.38	\$944.23
034517	BVLAB-Water Quality	3003152	Lab Analyst (N)	840.00	19.74	\$17,850.89	\$419.59	\$212.44	\$632.03
034517	BVLAB-Water Quality	3016075	Chemist III	1,240.00	29.14	\$35,692.38	\$839.04	\$424.81	\$1,263.85
034517	BVLAB-Water Quality	3016075	Sr Lab Analyst	840.00	19.74	\$23,942.20	\$562.80	\$284.95	\$847.75
034517	BVLAB-Water Quality	3016077	Sr Lab Analyst	90.50	2.13	\$4,594.58	\$107.98	\$54.67	\$162.65
034517	BVLAB-Water Quality	3016770	Clerk Documentation (N)	2,099.50	49.34	\$34,880.59	\$819.11	\$414.72	\$1,233.83
034517	BVLAB-Water Quality	3018540	Specialist QA/QC	2,080.00	48.88	\$60,227.60	\$1,415.00	\$716.43	\$2,131.43
034517	BVLAB-Water Quality	9000272	Clerk Accounting (N)	2,080.00	48.88	\$36,706.87	\$862.56	\$436.72	\$1,299.28
034517	BVLAB-Water Quality	9051109	Mgr Chemistry	2,080.00	48.88	\$78,475.40	\$1,844.40	\$933.84	\$2,778.24
034517	BVLAB-Water Quality	17003579	Lab Analyst (N)	-	-	\$3,410.69	\$80.15	\$40.58	\$120.73
034517	BVLAB-Water Quality	17003593	Chemist I (N)	1,240.75	29.16	\$30,752.66	\$722.62	\$365.87	\$1,088.49
034517	BVLAB-Water Quality	17003593	Lab Analyst (N)	845.75	19.88	\$20,840.57	\$489.76	\$247.97	\$737.73
034517	BVLAB-Water Quality	17010878	Chemist I (N)	1,240.00	29.14	\$32,367.73	\$760.71	\$385.16	\$1,145.87
034517	BVLAB-Water Quality	17010878	Lab Analyst (N)	841.00	19.76	\$21,779.97	\$511.90	\$259.18	\$771.08
034517	BVLAB-Water Quality	50052706	Chemist I (N)	1,241.50	29.18	\$30,449.09	\$715.42	\$362.22	\$1,077.64
034517	BVLAB-Water Quality	50052706	Lab Analyst (N)	840.00	19.74	\$20,388.58	\$478.93	\$242.49	\$721.42
034517	BVLAB-Water Quality	50062494	Maint Tech (N)	2,081.50	48.92	\$34,315.32	\$805.87	\$408.02	\$1,213.89
034517	BVLAB-Water Quality	50074759	Specialist QA/QC	2,080.00	48.88	\$62,994.68	\$1,480.11	\$749.39	\$2,229.50
034517	BVLAB-Water Quality	50087002	Chemist I (N)	104.00	2.44	\$2,306.73	\$54.20	\$27.44	\$81.64
034517	BVLAB-Water Quality	50087002	Chemist II	822.75	19.33	\$19,707.95	\$462.82	\$234.33	\$697.15
034517	BVLAB-Water Quality	50087002	Lab Analyst (N)	844.00	19.83	\$18,764.52	\$440.87	\$223.22	\$664.09
034517	BVLAB-Water Quality	50101249	HR Asst (N)	1,042.00	24.49	\$20,744.24	\$487.28	\$246.71	\$733.99
034517	BVLAB-Water Quality	50101249	Specialist Human Resources (N)	1,040.00	24.44	\$22,753.06	\$534.53	\$270.64	\$805.17
034517	BVLAB-Water Quality	50180178	Chemist I (N)	240.00	5.64	\$4,841.32	\$113.74	\$57.59	\$171.33
034517	BVLAB-Water Quality	50180178	Chemist II	1,000.00	23.50	\$21,756.28	\$511.11	\$258.78	\$769.89
034517	BVLAB-Water Quality	50180178	Lab Analyst (N)	846.50	19.89	\$16,913.47	\$397.36	\$201.19	\$598.55
034517	BVLAB-Water Quality	50202917	Chemist I (N)	1,240.00	29.14	\$24,117.17	\$567.02	\$287.09	\$854.11
034517	BVLAB-Water Quality	50202917	Lab Analyst (N)	840.00	19.74	\$16,199.67	\$380.87	\$192.84	\$573.71
034517	BVLAB-Water Quality	50210444	Clerk Sample Custody I (N)	2,160.75	50.78	\$29,495.00	\$693.02	\$350.88	\$1,043.90
034517	BVLAB-Water Quality	50267294	Chemist I (N)	1,000.00	23.50	\$19,626.25	\$461.25	\$233.54	\$694.79
034517	BVLAB-Water Quality	50267294	Sr Lab Tech (N)	1,095.50	25.74	\$20,114.61	\$473.16	\$239.57	\$712.73
034517	BVLAB-Water Quality	50271984	Chemist III	1,240.00	29.14	\$35,445.95	\$833.00	\$421.76	\$1,254.76
034517	BVLAB-Water Quality	50271984	Sr Lab Analyst	840.00	19.74	\$23,777.24	\$558.60	\$282.82	\$841.42
034517	BVLAB-Water Quality	50329833	Clerk Documentation (N)	2,104.75	49.46	\$29,824.54	\$700.41	\$354.62	\$1,055.03
034517	BVLAB-Water Quality	50399168	Lab Tech (N)	544.00	12.78	\$7,537.70	\$176.95	\$89.59	\$266.54
034517	BVLAB-Water Quality	50412272	Lead Clerk Sample Custody (N)	1,940.50	45.60	\$29,363.85	\$689.66	\$349.18	\$1,038.84
034517	BVLAB-Water Quality	50414501	Clerk Documentation (N)	1,553.00	36.50	\$21,158.06	\$496.66	\$251.46	\$748.12
034517	BVLAB-Water Quality	50415680	Dir Laboratory	2,080.00	48.88	\$148,310.00	\$3,484.60	\$1,764.29	\$5,248.89
034517	BVLAB-Water Quality	50425928	Chemist I (N)	1,240.00	29.14	\$25,503.82	\$599.10	\$303.33	\$902.43
034517	BVLAB-Water Quality	50425928	Lab Analyst (N)	840.00	19.74	\$17,130.78	\$402.25	\$203.66	\$605.91
034517	BVLAB-Water Quality	50428124	Chemist I (N)	1,246.00	29.28	\$23,896.60	\$561.40	\$284.24	\$845.64
034517	BVLAB-Water Quality	50428124	Lab Analyst (N)	840.00	19.74	\$15,810.54	\$371.40	\$188.04	\$559.44
034517	BVLAB-Water Quality	50428124	Chemist I (N)	240.00	5.64	\$5,904.80	\$138.72	\$70.24	\$208.96
034517	BVLAB-Water Quality	50428124	Chemist II	1,000.00	23.50	\$26,220.00	\$616.15	\$311.96	\$928.11
034517	BVLAB-Water Quality	50428124	Lab Analyst (N)	840.00	19.74	\$20,395.20	\$479.37	\$242.71	\$722.08
034517	BVLAB-Water Quality	50429804	Chemist III	1,240.00	29.14	\$32,227.71	\$757.40	\$383.48	\$1,140.88

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours Billed to		Amount Billed to		Overhead	Total Billed to TN
				Hours	TN	Amount	TN		
034517	BVLAB-Water Quality	50429804	Sr Lab Analyst	840.00	19.74	\$21,618.31	\$508.20	\$257.31	\$765.51
034517	BVLAB-Water Quality	50437054	Lab Tech (N)	1,083.00	25.45	\$16,131.95	\$378.76	\$191.77	\$570.53
034517	BVLAB-Water Quality	50437054	Sr Lab Tech (N)	1,000.00	23.50	\$16,818.60	\$395.41	\$200.20	\$595.61
034517	BVLAB-Water Quality	50437064	Lab Tech (N)	1,080.00	25.38	\$16,065.52	\$377.38	\$191.07	\$568.45
034517	BVLAB-Water Quality	50437064	Sr Lab Tech (N)	1,000.00	23.50	\$16,818.72	\$395.30	\$200.14	\$595.44
034517	BVLAB-Water Quality	50454287	Sr Lab Tech (N)	2,080.00	48.88	\$35,549.12	\$836.28	\$423.42	\$1,259.70
034517 Total				70,558.75	1,658.04	\$1,725,556.70	\$40,543.61	\$20,527.64	\$61,071.25
035002	SE-Network	24007519	Admin Support Rep (N)	1,607.00	11.00	\$32,840.83	\$224.28	\$113.56	\$337.84
035002 Total				1,607.00	11.00	\$32,840.83	\$224.28	\$113.56	\$337.84
035003	SE-Customer Relations	3018195	Supt FRCC	1,120.00	72.94	\$34,013.07	\$2,215.16	\$1,121.56	\$3,336.72
035003	SE-Customer Relations	24006857	Operations Support Rep I (N)	40.00	1.60	\$815.44	\$32.60	\$16.51	\$49.11
035003	SE-Customer Relations	24006857	Regional Svc Support Rep II (N)	920.00	40.82	\$18,754.89	\$831.91	\$421.20	\$1,253.11
035003	SE-Customer Relations	24006865	Operations Support Rep I (N)	82.00	0.56	\$1,636.24	\$10.98	\$5.56	\$16.54
035003	SE-Customer Relations	24006865	Operations Support Rep II (N)	80.00	0.56	\$1,577.10	\$10.98	\$5.56	\$16.54
035003	SE-Customer Relations	24006865	Regional Svc Support Rep (N)	892.00	33.98	\$17,611.28	\$666.35	\$337.38	\$1,003.73
035003	SE-Customer Relations	24006889	Operations Support Rep I (N)	40.00	1.00	\$815.45	\$20.40	\$10.33	\$30.73
035003	SE-Customer Relations	24006889	Regional Svc Support Rep (N)	923.00	21.28	\$18,846.87	\$434.69	\$220.09	\$654.78
035003	SE-Customer Relations	24006892	Coordinator FRCC	1,120.00	339.80	\$27,253.89	\$8,268.42	\$4,186.38	\$12,454.80
035003	SE-Customer Relations	24006893	Coordinator FRCC	160.00	5.01	\$3,154.20	\$98.82	\$50.03	\$148.85
035003	SE-Customer Relations	24006893	Operations Support Rep I (N)	43.00	1.00	\$877.21	\$19.70	\$9.97	\$29.67
035003	SE-Customer Relations	24006893	Regional Svc Support Rep (N)	929.00	26.72	\$18,280.26	\$522.93	\$264.76	\$787.69
035003	SE-Customer Relations	24006936	Coordinator FRCC	400.00	4.18	\$9,290.00	\$96.98	\$49.10	\$146.08
035003	SE-Customer Relations	24006952	Operations Support Rep I (N)	40.00	1.50	\$815.45	\$30.60	\$15.49	\$46.09
035003	SE-Customer Relations	24006952	Operations Support Rep II (N)	80.00	0.56	\$1,630.80	\$11.35	\$5.75	\$17.10
035003	SE-Customer Relations	24006952	Regional Svc Support Rep (N)	938.50	36.90	\$19,320.89	\$752.14	\$380.82	\$1,132.96
035003	SE-Customer Relations	24006988	Operations Support Rep I (N)	40.00	1.36	\$815.44	\$27.67	\$14.01	\$41.68
035003	SE-Customer Relations	24006988	Operations Support Rep II (N)	80.00	0.56	\$1,630.80	\$11.35	\$5.75	\$17.10
035003	SE-Customer Relations	24006988	Regional Svc Support Rep (N)	920.00	28.10	\$18,755.06	\$573.11	\$290.17	\$863.28
035003	SE-Customer Relations	24007005	Analyst Premise QA (N)	1,041.00	191.31	\$22,581.47	\$4,147.65	\$2,100.00	\$6,247.65
035003	SE-Customer Relations	24007006	Regional Svc Support Rep (N)	406.00	5.01	\$8,337.48	\$102.15	\$51.72	\$153.87
035003	SE-Customer Relations	24007022	Analyst Premise QA (N)	1,057.50	7.93	\$23,146.53	\$172.51	\$87.34	\$259.85
035003	SE-Customer Relations	24007034	Coordinator FRCC	240.00	2.23	\$5,480.36	\$50.84	\$25.74	\$76.58
035003	SE-Customer Relations	24007338	Mgr Major Customer Accts	400.00	1.95	\$14,000.00	\$68.21	\$34.54	\$102.75
035003	SE-Customer Relations	24007368	Dir Customer Relations	1,120.00	74.05	\$49,792.40	\$3,291.75	\$1,666.65	\$4,958.40
035003	SE-Customer Relations	24007385	Mgr Billing/Collection & Pymt	400.00	1.67	\$14,415.00	\$60.21	\$30.48	\$90.69
035003	SE-Customer Relations	24007474	Mgr Customer Advocacy	1,040.00	48.38	\$35,143.56	\$1,634.79	\$827.71	\$2,462.50
035003	SE-Customer Relations	50130784	Coordinator FRCC	160.00	0.56	\$3,307.60	\$11.51	\$5.83	\$17.34
035003	SE-Customer Relations	50176149	Operations Support Rep I (N)	40.00	1.00	\$788.50	\$19.70	\$9.97	\$29.67
035003	SE-Customer Relations	50176149	Operations Support Rep II (N)	80.00	1.31	\$1,577.09	\$25.90	\$13.11	\$39.01
035003	SE-Customer Relations	50176149	Regional Svc Support Rep (N)	920.00	29.62	\$18,045.69	\$580.74	\$294.03	\$874.77
035003	SE-Customer Relations	50196385	Coordinator FRCC	1,120.00	7.80	\$24,963.21	\$173.72	\$87.96	\$261.68
035003	SE-Customer Relations	50251097	Coordinator FRCC	1,120.00	107.57	\$22,681.60	\$2,178.46	\$1,102.98	\$3,281.44
035003	SE-Customer Relations	50251217	Collections/Compliance Rep (N)	439.50	30.59	\$7,843.99	\$545.81	\$276.35	\$822.16
035003	SE-Customer Relations	50254073	Operations Support Rep I (N)	40.00	2.56	\$786.40	\$50.27	\$25.45	\$75.72
035003	SE-Customer Relations	50254073	Regional Svc Support Rep (N)	922.00	49.85	\$18,027.20	\$972.96	\$492.62	\$1,465.58
035003	SE-Customer Relations	50254106	Coordinator FRCC	1,120.00	13.41	\$25,256.00	\$302.58	\$153.20	\$455.78
035003	SE-Customer Relations	50266099	Coordinator FRCC	640.00	157.49	\$12,738.36	\$3,134.34	\$1,586.95	\$4,721.29
035003	SE-Customer Relations	50266099	Operations Support Rep II (N)	80.00	0.56	\$1,529.40	\$10.64	\$5.39	\$16.03
035003	SE-Customer Relations	50266099	Regional Svc Support Rep (N)	883.00	9.54	\$16,657.89	\$180.49	\$91.38	\$271.87
035003	SE-Customer Relations	50328938	Operations Support Rep I (N)	93.50	0.56	\$1,866.16	\$10.36	\$5.25	\$15.61
035003	SE-Customer Relations	50328938	Operations Support Rep II (N)	80.00	0.56	\$1,489.20	\$10.36	\$5.25	\$15.61
035003	SE-Customer Relations	50328938	Regional Svc Support Rep (N)	886.00	49.01	\$16,347.59	\$903.18	\$457.29	\$1,360.47
035003	SE-Customer Relations	50340378	Coordinator FRCC	160.00	1.11	\$3,011.60	\$20.96	\$10.61	\$31.57
035003	SE-Customer Relations	50340378	Regional Svc Support Rep (N)	964.50	22.40	\$17,790.87	\$411.89	\$208.54	\$620.43
035003	SE-Customer Relations	50356462	Coordinator FRCC	160.00	1.11	\$3,024.20	\$21.04	\$10.65	\$31.69
035003	SE-Customer Relations	50356462	Operations Support Rep I (N)	41.00	5.00	\$784.40	\$94.50	\$47.85	\$142.35
035003	SE-Customer Relations	50356462	Regional Svc Support Rep (N)	922.00	71.62	\$17,320.51	\$1,344.43	\$680.70	\$2,025.13
035003	SE-Customer Relations	50420133	Supvr FRCC	1,120.00	45.52	\$28,420.90	\$1,154.75	\$584.66	\$1,739.41
035003	SE-Customer Relations	50428147	Coordinator FRCC	480.00	4.45	\$9,265.20	\$86.00	\$43.54	\$129.54
035003	SE-Customer Relations	50428147	Regional Svc Support Rep (N)	643.30	68.51	\$11,063.15	\$1,174.71	\$594.77	\$1,769.48
035003	SE-Customer Relations	50441519	Coordinator FRCC	1,120.00	6.95	\$21,593.43	\$133.97	\$67.83	\$201.80
035003 Total				28,786.80	1,639.61	\$654,971.28	\$37,717.52	\$19,096.76	\$56,814.28
035007	SE-Finance	3000055	Dir Rates	1,600.00	6.30	\$125,021.01	\$492.67	\$249.44	\$742.11
035007	SE-Finance	3014901	Dir Rates	2,080.00	544.39	\$162,036.87	\$42,381.05	\$21,457.95	\$63,839.00
035007	SE-Finance	3014906	Mgr Rates	2,080.00	204.50	\$92,598.15	\$9,053.82	\$4,584.04	\$13,637.86
035007	SE-Finance	3015919	Mgr Rates	2,080.00	426.00	\$104,461.97	\$21,327.76	\$10,798.46	\$32,126.22
035007	SE-Finance	24007334	Mgr Rates	1,600.00	4.18	\$79,140.06	\$206.55	\$104.58	\$311.13
035007	SE-Finance	28007559	Sr Secretary (N)	2,260.50	-	\$53,196.04	\$33.75	\$17.09	\$50.84
035007	SE-Finance	28007828	Financial Analyst III (Rates)	2,079.00	358.03	\$79,841.23	\$13,712.93	\$6,942.99	\$20,655.92
035007	SE-Finance	50200813	Financial Analyst III (FP&A)	2,080.00	1.39	\$81,424.90	\$54.23	\$27.46	\$81.69
035007	SE-Finance	50291850	Mgr FP&A	160.00	11.46	\$7,494.22	\$541.02	\$273.92	\$814.94
035007	SE-Finance	50340389	Financial Analyst III (Rates)	2,080.00	485.75	\$62,919.00	\$14,644.29	\$7,414.55	\$22,058.84
035007	SE-Finance	50343492	Dir Finance Division	1,360.00	120.12	\$110,499.35	\$9,759.11	\$4,941.13	\$14,700.24
035007	SE-Finance	50343550	Regional Dir Finance	1,360.00	47.46	\$108,800.00	\$3,796.40	\$1,922.16	\$5,718.56
035007	SE-Finance	50352084	Dir FP&A	1,600.00	35.08	\$103,532.83	\$2,269.63	\$1,149.14	\$3,418.77
035007	SE-Finance	50382129	Mgr Project Finance (BD)	1,600.00	14.41	\$57,902.96	\$508.20	\$257.31	\$765.51
035007	SE-Finance	50398100	Sr Mgr Compliance (Region)	1,600.00	111.36	\$106,169.95	\$7,389.96	\$3,741.61	\$11,131.57
035007	SE-Finance	50406143	Financial Analyst II (FP&A)	1,600.00	1,600.00	\$48,400.00	\$48,400.00	\$24,505.40	\$72,905.40
035007	SE-Finance	50429653	Financial Analyst III (FP&A)	1,600.00	22.27	\$71,192.00	\$990.83	\$501.67	\$1,492.50
035007	SE-Finance	50429727	Mgr FP&A	1,600.00	89.09	\$76,924.00	\$4,283.16	\$2,168.61	\$6,451.77
035007	SE-Finance	50430854	Financial Analyst III (Region)	1,600.00	111.36	\$60,500.00	\$4,210.00	\$2,131.57	\$6,341.57
035007	SE-Finance	50481432	Exec Asst (N)	1,356.00	119.77	\$29,622.23	\$2,616.12	\$1,324.57	\$3,940.69
035007	SE-Finance	50487219	Mgr FP&A	768.00	67.26	\$36,553.78	\$3,202.63	\$1,621.52	\$4,824.15
035007	SE-Finance	50495191	Financial Analyst II (Rates)	856.00	64.00	\$28,807.90	\$2,153.91	\$1,090.55	\$3,244.46
035007 Total				34,999.50	4,444.17	\$1,687,038.45	\$192,028.02	\$97,225.71	\$289,253.73
035010	SE-Supply Chain	17000430	Mgr Procurement	2,080.00	160.52	\$110,045.64	\$8,490.18	\$4,298.66	\$12,788.84
035010 Total				2,080.00	160.52	\$110,045.64	\$8,490.18	\$4,298.66	\$12,788.84
035014	SE-Engineering	24017842	Mgr Engineering (Medium/Small)	2,080.00	(0.70)	\$100,635.03	(\$33.48)	(\$16.95)	(\$50.43)
035014 Total				2,080.00	(0.70)	\$100,635.03	(\$33.48)	(\$16.95)	(\$50.43)

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
035015	SE-Legal	24007332	Regional General Counsel	1,600.00	0.84	\$146,236.00	\$76.36	\$38.66	\$115.02
035015	SE-Legal	24007408	Paralegal (N)	1,643.00	0.07	\$51,214.36	\$2.20	\$1.11	\$3.31
035015	SE-Legal	24007529	Exec Asst (N)	1,600.00	19.00	\$41,299.77	\$490.51	\$248.35	\$738.86
035015	SE-Legal	50329035	Corp Counsel III Regional	2,080.00	330.28	\$121,492.65	\$19,287.12	\$9,765.26	\$29,052.38
035015	SE-Legal	50331042	Legal Secy (N)	2,173.25	234.75	\$45,622.69	\$4,849.86	\$2,455.53	\$7,305.39
035015	SE-Legal	50341602	Corp Counsel III Regional	2,080.00	13.89	\$130,735.33	\$872.39	\$441.70	\$1,314.09
035015 Total				11,176.25	598.83	\$536,600.80	\$25,578.44	\$12,950.62	\$38,529.06
035016	SE-Maintenance	12006173	Sr Specialist Maint Service(N)	2,171.00	478.68	\$69,713.92	\$15,170.09	\$7,680.77	\$22,850.86
035016	SE-Maintenance	24007401	Sr Dir Maintnc & SCADA Svcs	2,080.00	46.11	\$160,922.20	\$3,568.28	\$1,806.66	\$5,374.94
035016	SE-Maintenance	26000062	Sr Specialist SCADA (N)	2,096.00	1,222.00	\$66,687.47	\$38,831.45	\$19,660.75	\$58,492.20
035016 Total				6,347.00	1,746.79	\$297,323.59	\$57,569.82	\$29,148.18	\$86,718.00
035020	SE-Business Development	28007541	Dir Business Development	240.00	4.09	\$17,134.51	\$291.86	\$147.77	\$439.63
035020	SE-Business Development	50144183	Sr Mgr Business Dev	2,080.00	(8.21)	\$135,929.82	(\$535.02)	(\$270.89)	(\$805.91)
035020	SE-Business Development	50401267	Sr Mgr Business Dev	2,080.00	461.50	\$117,443.43	\$26,080.81	\$13,204.97	\$39,285.78
035020 Total				4,400.00	457.38	\$270,507.76	\$25,837.65	\$13,081.86	\$38,919.51
035025	SE-External Affairs	12000035	Mgr Int Comm (State)	2,080.00	302.47	\$87,157.32	\$12,650.25	\$6,404.95	\$19,055.20
035025	SE-External Affairs	50395960	Dir Comm & EA (State)	1,440.00	252.86	\$102,394.80	\$17,980.20	\$9,103.56	\$27,083.76
035025	SE-External Affairs	50395960	Mgr Ext Affairs (State)	80.00	14.05	\$3,461.50	\$607.80	\$307.74	\$915.54
035025	SE-External Affairs	50403171	Admin Asst (N)	2,165.16	366.23	\$43,899.61	\$7,300.44	\$3,696.29	\$10,996.73
035025	SE-External Affairs	50414379	Mgr Cust Comm (State)	2,080.00	364.38	\$83,011.20	\$14,542.00	\$7,362.76	\$21,904.76
035025 Total				7,845.16	1,299.99	\$319,924.43	\$53,080.69	\$26,875.28	\$79,955.97
035503	ED-Customer Relations	12000143	Mgr Customer Advocacy	960.00	84.96	\$36,176.40	\$3,201.61	\$1,621.01	\$4,822.62
035503	ED-Customer Relations	12000143	Mgr Operations Support FRCC	480.00	42.24	\$18,612.00	\$1,638.00	\$829.34	\$2,467.34
035503	ED-Customer Relations	12000159	Spec Bill/Pymt Collection (N)	1,372.00	121.18	\$29,889.52	\$2,639.79	\$1,336.55	\$3,976.34
035503	ED-Customer Relations	50220274	Coordinator FRCC	880.00	77.64	\$18,832.00	\$1,661.70	\$841.34	\$2,503.04
035503	ED-Customer Relations	50266099	Supvr FRCC	1,440.00	127.20	\$35,242.40	\$3,113.14	\$1,576.21	\$4,689.35
035503	ED-Customer Relations	50345342	Analyst Premise QA (N)	1,387.00	122.20	\$27,550.93	\$2,427.60	\$1,229.12	\$3,656.72
035503	ED-Customer Relations	50348220	Coordinator FRCC	1,360.00	120.12	\$29,450.94	\$2,601.11	\$1,316.97	\$3,918.08
035503	ED-Customer Relations	50389389	Coordinator FRCC	1,360.00	120.12	\$29,754.04	\$2,598.58	\$1,315.69	\$3,914.27
035503	ED-Customer Relations	50408039	Dir Customer Relations	1,600.00	141.36	\$86,375.40	\$7,631.89	\$3,864.10	\$11,495.99
035503	ED-Customer Relations	50483399	Mgr Billing/Collection & Pymt	1,480.00	130.74	\$50,328.90	\$4,445.85	\$2,250.98	\$6,696.83
035503	ED-Customer Relations	50485090	Mgr FRCC	400.00	35.40	\$29,498.84	\$1,818.97	\$920.96	\$2,739.93
035503	ED-Customer Relations	50485188	Admin Asst (N)	1,470.75	129.92	\$30,515.65	\$2,695.05	\$1,364.53	\$4,059.58
035503	ED-Customer Relations	50485190	Coordinator FRCC	1,416.00	125.08	\$30,507.60	\$2,694.74	\$1,364.37	\$4,059.11
035503	ED-Customer Relations	50485192	Regional Svc Support Rep (N)	1,458.50	128.83	\$23,090.66	\$2,039.15	\$1,032.44	\$3,071.59
035503	ED-Customer Relations	50485194	Administrator FRCC System (N)	1,416.00	125.08	\$30,507.61	\$2,694.75	\$1,364.38	\$4,059.13
035503	ED-Customer Relations	50485196	Regional Svc Support Rep (N)	248.00	21.95	\$3,968.00	\$351.04	\$177.74	\$528.78
035503	ED-Customer Relations	50485197	Regional Svc Support Rep (N)	1,517.80	134.08	\$24,466.92	\$2,161.11	\$1,094.19	\$3,255.30
035503	ED-Customer Relations	50485200	Coordinator FRCC	800.00	70.56	\$17,325.43	\$1,528.10	\$773.69	\$2,301.79
035503	ED-Customer Relations	50485200	Regional Svc Support Rep (N)	693.00	61.33	\$11,338.36	\$1,003.17	\$507.92	\$1,511.09
035503	ED-Customer Relations	50485203	Analyst Premise QA (N)	1,290.50	113.97	\$25,062.60	\$2,213.17	\$1,120.55	\$3,333.72
035503	ED-Customer Relations	50485203	Regional Svc Support Rep (N)	136.00	12.04	\$2,108.00	\$186.49	\$94.42	\$280.91
035503	ED-Customer Relations	50485204	Regional Svc Support Rep (N)	1,439.49	127.15	\$22,642.14	\$1,999.53	\$1,012.38	\$3,011.91
035503	ED-Customer Relations	50485205	Coordinator FRCC	1,416.00	125.08	\$30,507.83	\$2,694.65	\$1,364.33	\$4,058.98
035503	ED-Customer Relations	50485206	Regional Svc Support Rep (N)	1,515.42	133.52	\$24,411.24	\$2,150.53	\$1,088.83	\$3,239.36
035503	ED-Customer Relations	50485207	Regional Svc Support Rep (N)	1,509.50	133.35	\$24,272.49	\$2,143.82	\$1,085.44	\$3,229.26
035503	ED-Customer Relations	50485208	Coordinator FRCC	1,416.00	125.08	\$30,507.60	\$2,694.76	\$1,364.38	\$4,059.14
035503	ED-Customer Relations	50485210	Regional Svc Support Rep (N)	1,434.50	126.71	\$22,526.99	\$1,989.40	\$1,007.25	\$2,996.65
035503	ED-Customer Relations	50485211	Coordinator FRCC	1,416.00	125.08	\$30,507.60	\$2,694.75	\$1,364.38	\$4,059.13
035503	ED-Customer Relations	50485215	Coordinator FRCC	1,416.00	125.08	\$30,507.60	\$2,694.74	\$1,364.37	\$4,059.11
035503	ED-Customer Relations	50485250	Regional Svc Support Rep (N)	1,421.50	125.56	\$22,224.68	\$1,962.66	\$993.71	\$2,956.37
035503	ED-Customer Relations	50485272	Coordinator FRCC	800.00	70.56	\$17,325.43	\$1,528.10	\$773.69	\$2,301.79
035503	ED-Customer Relations	50485272	Regional Svc Support Rep (N)	602.50	53.32	\$9,980.00	\$883.24	\$447.19	\$1,330.43
035503	ED-Customer Relations	50485335	Coordinator FRCC	1,416.00	125.08	\$30,507.60	\$2,694.75	\$1,364.38	\$4,059.13
035503	ED-Customer Relations	50502009	Coordinator FRCC	800.00	70.56	\$17,120.00	\$1,510.20	\$764.63	\$2,274.83
035503	ED-Customer Relations	50502010	Regional Svc Support Rep (N)	825.07	72.55	\$12,982.92	\$1,141.53	\$577.97	\$1,719.50
035503	ED-Customer Relations	50502012	Regional Svc Support Rep (N)	836.00	73.38	\$13,213.83	\$1,159.84	\$587.24	\$1,747.08
035503	ED-Customer Relations	50502017	Coordinator FRCC	800.00	70.56	\$17,120.00	\$1,510.20	\$764.63	\$2,274.83
035503	ED-Customer Relations	50502843	Regional Svc Support Rep (N)	819.00	71.74	\$12,841.82	\$1,124.71	\$569.45	\$1,694.16
035503 Total				43,048.53	3,800.35	\$959,801.97	\$83,922.42	\$42,490.76	\$126,413.18
036507	NE-Finance	3000559	Sr Mgr Compliance (Region)	120.00	0.90	\$7,884.70	\$62.95	\$31.87	\$94.82
036507	NE-Finance	50269627	Mgr Project Finance (BD)	800.00	5.00	\$43,211.12	\$270.07	\$136.74	\$406.81
036507 Total				920.00	5.90	\$51,095.82	\$333.02	\$168.61	\$501.63
036516	NE-Maintenance	50320612	Dir Maintenance	2,080.00	2.56	\$141,492.65	\$174.91	\$88.56	\$263.47
036516 Total				2,080.00	2.56	\$141,492.65	\$174.91	\$88.56	\$263.47
036531	NE-Eastern CS & S	28007583	Team Lead IT Regional Supp (N)	40.00	1.39	\$1,692.80	\$58.90	\$29.82	\$88.72
036531	NE-Eastern CS & S	28007707	Lead Specialist Supp ITS (N)	40.00	0.11	\$1,733.89	\$4.89	\$2.48	\$7.37
036531	NE-Eastern CS & S	50235071	Specialist Support ITS (N)	40.00	0.90	\$1,102.65	\$24.80	\$12.56	\$37.36
036531	NE-Eastern CS & S	50293021	Specialist Support ITS (N)	40.00	12.63	\$1,144.92	\$361.50	\$183.03	\$544.53
036531	NE-Eastern CS & S	50385745	Specialist Support ITS (N)	40.00	0.14	\$1,009.60	\$3.47	\$1.76	\$5.23
036531	NE-Eastern CS & S	50448277	Analyst Materials ITS (N)	40.00	0.90	\$923.10	\$20.75	\$10.51	\$31.26
036531 Total				240.00	16.07	\$7,606.96	\$474.31	\$240.15	\$714.46
036550	CORP-COE-Engineering	3000555	Dir Engineering - Construction	2,080.00	31.82	\$133,515.39	\$2,041.66	\$1,033.71	\$3,075.37
036550	CORP-COE-Engineering	3001285	Sr Engr Construction	2,080.00	10.32	\$107,924.29	\$535.13	\$270.94	\$806.07
036550	CORP-COE-Engineering	3001904	Sr Engr Construction	2,080.00	7.41	\$96,807.24	\$345.69	\$175.03	\$520.72
036550	CORP-COE-Engineering	3017574	Sr Construction Insp (PA/NI)	2,080.00	0.54	\$78,815.58	\$20.34	\$10.30	\$30.64
036550	CORP-COE-Engineering	50089917	Specialist Engrg (N)	40.00	0.90	\$946.15	\$21.30	\$10.78	\$32.08
036550	CORP-COE-Engineering	50209009	Sr Engr Construction	2,080.00	339.72	\$98,508.72	\$16,101.20	\$8,152.20	\$24,253.40
036550	CORP-COE-Engineering	50323977	Specialist Engrg (N)	1,124.50	24.99	\$28,439.17	\$631.60	\$319.79	\$951.39
036550	CORP-COE-Engineering	50323977	Sr Engineering Tech	960.00	19.96	\$25,845.88	\$537.29	\$272.04	\$809.33
036550	CORP-COE-Engineering	50357507	Sr Engr Construction	2,080.00	23.01	\$102,506.84	\$1,135.37	\$574.85	\$1,710.22
036550	CORP-COE-Engineering	50376817	Engr Construction	2,080.00	12.64	\$81,730.80	\$497.59	\$251.93	\$749.52
036550	CORP-COE-Engineering	50399127	Intern	224.50	5.05	\$2,694.00	\$60.65	\$30.71	\$91.36
036550	CORP-COE-Engineering	50408163	Engr Construction	2,080.00	16.39	\$62,438.89	\$489.54	\$247.86	\$737.40
036550 Total				18,989.00	492.76	\$820,172.95	\$22,417.36	\$11,350.13	\$33,767.49
036551	CORP-COE-Technical Services	3000260	Sr Engr Design	2,080.00	22.51	\$105,461.99	\$1,143.58	\$579.01	\$1,722.59
036551	CORP-COE-Technical Services	3000364	Sr Drafter CAD Design	2,080.00	27.14	\$60,847.48	\$794.70	\$402.36	\$1,197.06
036551	CORP-COE-Technical Services	3000487	Practice Lead Engineering	2,080.00	85.60	\$109,692.65	\$4,488.21	\$2,272.43	\$6,760.64
036551	CORP-COE-Technical Services	3000822	Sr Engr Design	2,080.00	8.50	\$98,507.60	\$401.67	\$203.37	\$605.04

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours Billed to		Amount Billed to		Overhead	Total Billed to TN
				Hours	TN	Amount	TN		
036551	CORP-COE-Technical Services	3002816	Dir Engineering - Tech Svcs	2,080.00	32.84	\$130,747.89	\$2,063.18	\$1,044.61	\$3,107.79
036551	CORP-COE-Technical Services	3016132	Sr Engr Planning	2,080.00	11.10	\$87,115.88	\$465.38	\$235.63	\$701.01
036551	CORP-COE-Technical Services	18690011	Engr Design	2,080.00	16.18	\$79,415.76	\$618.18	\$312.99	\$931.17
036551	CORP-COE-Technical Services	50323981	Project Engr	2,080.00	26.79	\$77,168.87	\$993.61	\$503.07	\$1,496.68
036551	CORP-COE-Technical Services	50401362	Engr Design	2,080.00	7.08	\$80,615.41	\$274.19	\$138.83	\$413.02
036551	CORP-COE-Technical Services	50425989	Sr Engr Design	2,080.00	12.71	\$112,001.72	\$684.95	\$346.80	\$1,031.75
036551 Total				20,800.00	250.46	\$941,575.25	\$11,927.65	\$6,039.09	\$17,966.74
037005	CCP-Administration	50235003	Receptionist (N)	270.00	5.97	\$3,429.11	\$75.65	\$38.30	\$113.95
037005 Total				270.00	5.97	\$3,429.11	\$75.65	\$38.30	\$113.95
037070	CCP-Call Handling	50181342	CSR-3 Call Handling Rep	2,012.75	45.19	\$27,552.43	\$618.58	\$313.19	\$931.77
037070	CCP-Call Handling	50181343	CSR-2 Call Handling Rep	2,001.75	45.23	\$29,731.65	\$672.12	\$340.30	\$1,012.42
037070	CCP-Call Handling	50181344	CSR-3 Call Handling Rep	1,867.50	41.96	\$26,512.87	\$595.95	\$301.74	\$897.69
037070	CCP-Call Handling	50181795	CSR-3 Call Handling Rep	1,818.50	40.87	\$24,873.15	\$559.10	\$283.08	\$842.18
037070	CCP-Call Handling	50181798	Team Supvr Call Handling	1,960.00	43.79	\$38,805.25	\$867.70	\$439.33	\$1,307.03
037070	CCP-Call Handling	50181800	Team Supvr Call Handling	2,080.00	46.59	\$40,763.50	\$913.52	\$462.52	\$1,376.04
037070	CCP-Call Handling	50188822	CSR-2 Call Handling Rep	705.00	15.65	\$9,447.00	\$209.67	\$106.16	\$315.83
037070	CCP-Call Handling	50188829	CSR-3 Call Handling Rep	1,104.00	24.68	\$15,089.15	\$337.46	\$170.86	\$508.32
037070	CCP-Call Handling	50188840	CSR-3 Call Handling Rep	2,171.25	48.77	\$31,383.16	\$705.81	\$357.36	\$1,063.17
037070	CCP-Call Handling	50188937	CSR-3 Call Handling Rep	987.25	21.96	\$14,633.33	\$325.23	\$164.67	\$489.90
037070	CCP-Call Handling	50188945	Team Supvr Call Handling	2,080.00	46.72	\$41,094.75	\$922.34	\$466.99	\$1,389.33
037070	CCP-Call Handling	50190167	CSR-3 Call Handling Rep	2,070.75	46.51	\$28,373.08	\$636.16	\$322.09	\$958.25
037070	CCP-Call Handling	50190205	Team Supvr Call Handling	2,080.00	46.72	\$41,042.15	\$922.24	\$466.94	\$1,389.18
037070	CCP-Call Handling	50193708	CSR-3 Call Handling Rep	2,493.00	55.89	\$37,423.60	\$839.25	\$424.92	\$1,264.17
037070	CCP-Call Handling	50193711	CSR-3 Call Handling Rep	1,770.00	39.80	\$24,209.94	\$544.34	\$275.60	\$819.94
037070	CCP-Call Handling	50193713	CSR-3 Call Handling Rep	1,975.25	44.37	\$28,298.94	\$636.16	\$322.09	\$958.25
037070	CCP-Call Handling	50193714	CSR-3 Call Handling Rep	1,680.50	37.78	\$23,922.10	\$538.10	\$272.45	\$810.55
037070	CCP-Call Handling	50193717	CSR-3 Call Handling Rep	2,191.00	49.24	\$31,150.49	\$700.07	\$354.45	\$1,054.52
037070	CCP-Call Handling	50193722	Team Supvr Call Handling	1,992.00	44.77	\$38,872.69	\$873.85	\$442.44	\$1,316.29
037070	CCP-Call Handling	50193724	CSR-2 Call Handling Rep	2,125.25	47.75	\$28,502.07	\$640.32	\$324.20	\$964.52
037070	CCP-Call Handling	50193728	CSR-3 Call Handling Rep	2,044.25	45.88	\$28,950.11	\$649.72	\$328.96	\$978.68
037070	CCP-Call Handling	50194878	CSR-3 Call Handling Rep	2,207.50	49.58	\$31,792.43	\$714.09	\$361.55	\$1,075.64
037070	CCP-Call Handling	50198892	Team Supvr Call Handling	1,440.00	32.51	\$32,567.40	\$735.81	\$372.55	\$1,108.36
037070	CCP-Call Handling	50198898	Team Supvr Call Handling	1,944.00	43.66	\$38,642.09	\$868.41	\$439.68	\$1,308.09
037070	CCP-Call Handling	50198931	CSR-3 Call Handling Rep	453.00	10.12	\$6,070.20	\$135.63	\$68.67	\$204.30
037070	CCP-Call Handling	50198932	CSR-1 Call Handling Rep	824.50	18.47	\$10,833.06	\$242.81	\$122.94	\$365.75
037070	CCP-Call Handling	50198934	CSR-3 Call Handling Rep	2,120.00	47.63	\$28,953.93	\$651.06	\$329.64	\$980.70
037070	CCP-Call Handling	50198935	Supvr Call Handling Group	2,080.00	46.72	\$53,601.77	\$1,203.99	\$609.59	\$1,813.58
037070	CCP-Call Handling	50198939	CSR-4 Technical Coordinator	2,125.25	47.58	\$35,553.84	\$795.68	\$402.86	\$1,198.54
037070	CCP-Call Handling	50198940	CSR-1 Call Handling Rep	666.25	14.79	\$8,749.63	\$194.11	\$98.28	\$292.39
037070	CCP-Call Handling	50198948	Team Supvr Call Handling	1,988.25	44.68	\$38,940.31	\$874.75	\$442.89	\$1,317.64
037070	CCP-Call Handling	50198949	CSR-3 Call Handling Rep	2,093.75	47.03	\$28,056.25	\$630.28	\$319.12	\$949.40
037070	CCP-Call Handling	50198951	CSR-4 Technical Coordinator	2,133.00	47.76	\$31,933.80	\$714.71	\$361.86	\$1,076.57
037070	CCP-Call Handling	50198953	CSR-1 Call Handling Rep	1,983.25	44.57	\$26,045.16	\$585.49	\$296.44	\$881.93
037070	CCP-Call Handling	50198954	CSR-1 Call Handling Rep	1,833.25	41.21	\$24,344.53	\$547.47	\$277.19	\$824.66
037070	CCP-Call Handling	50198955	CSR-1 Call Handling Rep	2,037.50	45.74	\$27,229.02	\$611.25	\$309.48	\$920.73
037070	CCP-Call Handling	50198958	Team Supvr Call Handling	2,080.00	46.72	\$40,551.54	\$910.82	\$461.16	\$1,371.98
037070	CCP-Call Handling	50198960	Team Supvr Call Handling	2,080.00	46.72	\$40,687.47	\$914.04	\$462.79	\$1,376.83
037070	CCP-Call Handling	50198962	CSR-1 Call Handling Rep	9.25	0.21	\$751.86	\$17.14	\$8.68	\$25.82
037070	CCP-Call Handling	50198963	CSR-1 Call Handling Rep	1,586.50	35.76	\$20,834.95	\$469.88	\$237.90	\$707.78
037070	CCP-Call Handling	50198987	Team Supvr Call Handling	2,080.00	46.72	\$39,520.40	\$887.00	\$449.10	\$1,336.10
037070	CCP-Call Handling	50198991	Supvr Call Handling Group	2,080.00	46.72	\$54,551.16	\$1,225.80	\$620.63	\$1,846.43
037070	CCP-Call Handling	50198998	CSR-1 Call Handling Rep	2,191.25	49.21	\$29,288.97	\$657.75	\$333.03	\$990.78
037070	CCP-Call Handling	50199001	Team Supvr Call Handling	240.00	5.33	\$4,785.30	\$106.20	\$53.77	\$159.97
037070	CCP-Call Handling	50210429	CSR-1 Call Handling Rep	417.25	9.26	\$5,479.62	\$121.55	\$61.54	\$183.09
037070	CCP-Call Handling	50210463	CSR-3 Call Handling Rep	1,382.50	30.97	\$18,525.50	\$414.98	\$210.11	\$625.09
037070	CCP-Call Handling	50210464	CSR-1 Call Handling Rep	2,097.25	47.11	\$27,542.28	\$618.83	\$313.32	\$932.15
037070	CCP-Call Handling	50210465	CSR-1 Call Handling Rep	2,089.00	46.94	\$27,538.95	\$618.88	\$313.35	\$932.23
037070	CCP-Call Handling	50210535	CSR-1 Call Handling Rep	1,312.50	29.69	\$17,236.58	\$390.27	\$197.60	\$587.87
037070	CCP-Call Handling	50210562	CSR-3 Call Handling Rep	2,214.50	49.73	\$30,509.59	\$684.98	\$346.81	\$1,031.79
037070	CCP-Call Handling	50210569	CSR-1 Call Handling Rep	1,762.00	39.50	\$23,139.85	\$518.60	\$262.57	\$781.17
037070	CCP-Call Handling	50210572	CSR-1 Call Handling Rep	1,783.25	40.10	\$23,418.73	\$526.86	\$266.75	\$793.61
037070	CCP-Call Handling	50210573	CSR-1 Call Handling Rep	1,584.75	35.74	\$20,811.82	\$469.54	\$237.73	\$707.27
037070	CCP-Call Handling	50210585	CSR-1 Call Handling Rep	1,769.00	39.70	\$23,231.51	\$521.44	\$264.01	\$785.45
037070	CCP-Call Handling	50210589	Supvr Call Handling Group	2,120.00	47.63	\$55,454.55	\$1,246.34	\$631.03	\$1,877.37
037070	CCP-Call Handling	50212276	CSR-4 Technical Coordinator	1,957.50	43.85	\$29,096.19	\$651.58	\$329.90	\$981.48
037070	CCP-Call Handling	50212326	CSR-1 Call Handling Rep	650.25	14.49	\$8,539.48	\$190.46	\$96.43	\$286.89
037070	CCP-Call Handling	50212327	Team Supvr Call Handling	2,080.00	46.72	\$40,764.83	\$916.39	\$463.98	\$1,380.37
037070	CCP-Call Handling	50212330	CSR-1 Call Handling Rep	2,139.00	48.06	\$28,090.62	\$631.23	\$319.60	\$950.83
037070	CCP-Call Handling	50212335	Team Supvr Call Handling	2,080.00	46.66	\$41,120.81	\$922.56	\$467.10	\$1,389.66
037070	CCP-Call Handling	50212417	CSR-1 Call Handling Rep	1,979.00	44.47	\$25,989.35	\$584.17	\$295.77	\$879.94
037070	CCP-Call Handling	50214915	CSR-1 Call Handling Rep	2,120.00	47.63	\$27,841.00	\$625.69	\$316.79	\$942.48
037070	CCP-Call Handling	50214919	CSR-1 Call Handling Rep	1,916.00	43.06	\$25,162.17	\$565.61	\$286.37	\$851.98
037070	CCP-Call Handling	50214928	CSR-1 Call Handling Rep	848.00	18.83	\$11,136.55	\$247.07	\$125.09	\$372.16
037070	CCP-Call Handling	50214932	CSR-1 Call Handling Rep	2,098.75	47.14	\$27,562.11	\$619.23	\$313.52	\$932.75
037070	CCP-Call Handling	50214934	CSR-1 Call Handling Rep	2,121.00	47.65	\$27,854.09	\$625.87	\$316.88	\$942.75
037070	CCP-Call Handling	50217612	CSR-1 Call Handling Rep	1,809.25	40.67	\$23,760.32	\$534.20	\$270.47	\$804.67
037070	CCP-Call Handling	50217632	CSR-1 Call Handling Rep	1,651.75	37.06	\$20,960.78	\$469.70	\$237.81	\$707.51
037070	CCP-Call Handling	50217638	CSR-1 Call Handling Rep	2,111.75	47.43	\$27,732.76	\$623.05	\$315.46	\$938.51
037070	CCP-Call Handling	50217646	CSR-3 Call Handling Rep	814.75	18.09	\$10,649.96	\$236.40	\$119.69	\$356.09
037070	CCP-Call Handling	50217661	CSR-1 Call Handling Rep	2,100.50	47.15	\$27,585.06	\$619.31	\$313.56	\$932.87
037070	CCP-Call Handling	50233843	CSR-4 Technical Coordinator	1,555.00	34.92	\$23,119.98	\$518.92	\$262.73	\$781.65
037070	CCP-Call Handling	50234996	CSR-1 Call Handling Rep	1,544.00	34.63	\$20,689.60	\$464.04	\$234.95	\$698.99
037070	CCP-Call Handling	50234998	CSR-1 Call Handling Rep	1,244.50	27.82	\$16,343.51	\$365.30	\$184.96	\$550.26
037070	CCP-Call Handling	50235006	CSR-1 Call Handling Rep	1,863.25	41.83	\$24,523.97	\$550.65	\$278.80	\$829.45
037070	CCP-Call Handling	50240657	Mgr Call Handling	2,080.00	46.72	\$77,641.86	\$1,743.63	\$882.82	\$2,626.45
037070	CCP-Call Handling	50240681	CSR-3 Call Handling Rep	2,083.75	46.80	\$28,119.89	\$631.46	\$319.71	\$951.17
037070	CCP-Call Handling	50240684	CSR-1 Call Handling Rep	1,900.75	42.70	\$24,962.18	\$560.72	\$283.90	\$844.62
037070	CCP-Call Handling	50240688	CSR-1 Call Handling Rep	2,014.50	45.25	\$26,472.08	\$594.74	\$301.12	\$895.86
037070	CCP-Call Handling	50240693	CSR-1 Call Handling Rep	1,840.50	41.40	\$24,350.19	\$547.90	\$277.41	\$825.31

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
037070	CCP-Call Handling	50249148	CSR-1 Call Handling Rep	780.25	17.39	\$10,246.70	\$228.19	\$115.53	\$343.72
037070	CCP-Call Handling	50249151	CSR-1 Call Handling Rep	1,645.00	36.97	\$21,683.65	\$487.44	\$246.80	\$734.24
037070	CCP-Call Handling	50249965	CSR-1 Call Handling Rep	240.75	5.34	\$3,161.70	\$70.15	\$35.52	\$105.67
037070	CCP-Call Handling	50249967	CSR-1 Call Handling Rep	836.50	18.57	\$10,985.35	\$243.72	\$123.40	\$367.12
037070	CCP-Call Handling	50249970	CSR-1 Call Handling Rep	1,203.50	26.72	\$15,883.80	\$352.38	\$178.41	\$530.79
037070	CCP-Call Handling	50249971	CSR-1 Call Handling Rep	2,076.25	46.64	\$27,266.48	\$612.54	\$310.14	\$922.68
037070	CCP-Call Handling	50250239	CSR-1 Call Handling Rep	1,866.25	41.91	\$25,007.75	\$561.51	\$284.30	\$845.81
037070	CCP-Call Handling	50251221	CSR-3 Call Handling Rep	1,514.50	33.88	\$20,848.14	\$466.36	\$236.12	\$702.48
037070	CCP-Call Handling	50275454	CSR-1 Call Handling Rep	657.75	14.71	\$8,766.36	\$196.11	\$99.29	\$295.40
037070	CCP-Call Handling	50275456	CSR-1 Call Handling Rep	909.50	20.19	\$11,541.59	\$256.00	\$129.62	\$385.62
037070	CCP-Call Handling	50275459	CSR-4 Technical Coordinator	1,202.25	26.69	\$17,966.45	\$399.18	\$202.11	\$601.29
037070	CCP-Call Handling	50275464	CSR-1 Call Handling Rep	2,121.50	47.65	\$26,921.94	\$603.85	\$305.74	\$909.59
037070	CCP-Call Handling	50275469	CSR-1 Call Handling Rep	2,094.75	47.05	\$26,582.51	\$596.28	\$301.90	\$898.18
037070	CCP-Call Handling	50276499	CSR-1 Call Handling Rep	2,113.25	47.47	\$28,185.49	\$633.41	\$320.70	\$954.11
037070	CCP-Call Handling	50276526	CSR-1 Call Handling Rep	99.75	2.21	\$1,265.84	\$28.06	\$14.21	\$42.27
037070	CCP-Call Handling	50276529	CSR-3 Call Handling Rep	1,664.50	37.44	\$22,183.95	\$499.29	\$252.80	\$752.09
037070	CCP-Call Handling	50277448	Team Supvr Call Handling	2,080.00	46.72	\$42,301.22	\$950.60	\$481.30	\$1,431.90
037070	CCP-Call Handling	50282850	CSR-1 Call Handling Rep	756.50	16.80	\$15,649.82	\$347.49	\$175.94	\$523.43
037070	CCP-Call Handling	50282853	CSR-1 Call Handling Rep	555.25	12.33	\$6,594.07	\$146.15	\$74.00	\$220.15
037070	CCP-Call Handling	50284018	CSR-1 Call Handling Rep	972.25	21.63	\$12,337.99	\$274.26	\$138.86	\$413.12
037070	CCP-Call Handling	50284062	Supvr Floor (N)	2,088.75	46.92	\$36,326.37	\$815.73	\$413.01	\$1,228.74
037070	CCP-Call Handling	50284064	CSR-1 Call Handling Rep	1,416.00	31.92	\$17,969.18	\$404.61	\$204.86	\$609.47
037070	CCP-Call Handling	50284071	CSR-1 Call Handling Rep	1,967.25	44.15	\$24,964.46	\$559.40	\$283.23	\$842.63
037070	CCP-Call Handling	50284081	CSR-2 Call Handling Rep	1,907.75	42.78	\$25,482.98	\$571.76	\$289.49	\$861.25
037070	CCP-Call Handling	50284085	CSR-4 Technical Coordinator	2,015.00	45.12	\$30,056.20	\$672.82	\$340.66	\$1,013.48
037070	CCP-Call Handling	50284086	CSR-3 Call Handling Rep	675.75	15.00	\$8,792.89	\$195.43	\$98.95	\$294.38
037070	CCP-Call Handling	50284124	CSR-1 Call Handling Rep	1,781.75	40.06	\$22,610.58	\$507.62	\$257.01	\$764.63
037070	CCP-Call Handling	50284177	CSR-1 Call Handling Rep	1,513.50	34.04	\$19,206.43	\$431.31	\$218.38	\$649.69
037070	CCP-Call Handling	50287980	CSR-1 Call Handling Rep	2,128.00	47.81	\$27,004.38	\$605.85	\$306.75	\$912.60
037070	CCP-Call Handling	50287987	CSR-1 Call Handling Rep	1,871.25	42.05	\$23,746.38	\$533.00	\$269.86	\$802.86
037070	CCP-Call Handling	50287990	CSR-1 Call Handling Rep	273.75	6.08	\$3,062.47	\$67.88	\$34.37	\$102.25
037070	CCP-Call Handling	50287996	CSR-1 Call Handling Rep	2,085.25	46.84	\$26,474.54	\$593.59	\$300.54	\$894.13
037070	CCP-Call Handling	50289377	CSR-1 Call Handling Rep	2,095.00	47.06	\$26,585.66	\$596.49	\$302.01	\$898.50
037070	CCP-Call Handling	50289381	Team Supvr Call Handling	2,080.00	46.72	\$40,551.53	\$910.75	\$461.12	\$1,371.87
037070	CCP-Call Handling	50289477	CSR-3 Call Handling Rep	647.25	14.40	\$8,690.41	\$193.54	\$97.99	\$291.53
037070	CCP-Call Handling	50289478	CSR-1 Call Handling Rep	1,954.75	43.93	\$24,805.90	\$556.69	\$281.86	\$838.55
037070	CCP-Call Handling	50295456	CSR-3 Call Handling Rep	2,118.00	47.59	\$28,775.66	\$646.17	\$327.16	\$973.33
037070	CCP-Call Handling	50295466	CSR-1 Call Handling Rep	393.25	8.75	\$4,990.33	\$111.18	\$56.29	\$167.47
037070	CCP-Call Handling	50295495	CSR-1 Call Handling Rep	2,128.75	47.80	\$28,508.62	\$640.45	\$324.27	\$964.72
037070	CCP-Call Handling	50295499	CSR-1 Call Handling Rep	2,030.25	45.62	\$25,800.40	\$578.80	\$293.05	\$871.85
037070	CCP-Call Handling	50295500	Supvr Floor (N)	2,096.50	47.09	\$36,291.35	\$814.89	\$412.59	\$1,227.48
037070	CCP-Call Handling	50296468	CSR-1 Call Handling Rep	2,097.50	47.10	\$28,385.58	\$637.65	\$322.85	\$960.50
037070	CCP-Call Handling	50296585	CSR-1 Call Handling Rep	2,038.75	45.79	\$25,871.77	\$580.18	\$293.75	\$873.93
037070	CCP-Call Handling	50296619	CSR-1 Call Handling Rep	1,707.25	38.43	\$21,688.93	\$487.52	\$246.84	\$734.36
037070	CCP-Call Handling	50303482	CSR-1 Call Handling Rep	1,920.25	43.12	\$23,588.27	\$530.41	\$268.55	\$798.96
037070	CCP-Call Handling	50303492	CSR-2 Call Handling Rep	1,688.25	37.96	\$22,770.24	\$512.33	\$259.40	\$771.73
037070	CCP-Call Handling	50304310	CSR-1 Call Handling Rep	1,827.50	40.98	\$22,400.42	\$503.03	\$254.69	\$757.72
037070	CCP-Call Handling	50304324	CSR-3 Call Handling Rep	1,663.50	37.44	\$22,237.01	\$500.71	\$253.51	\$754.22
037070	CCP-Call Handling	50304325	CSR-1 Call Handling Rep	1,026.50	23.22	\$12,582.22	\$284.98	\$144.29	\$429.27
037070	CCP-Call Handling	50310029	CSR-1 Call Handling Rep	349.00	7.75	\$4,277.83	\$95.06	\$48.13	\$143.19
037070	CCP-Call Handling	50310030	CSR-1 Call Handling Rep	2,097.75	47.12	\$25,717.13	\$578.58	\$292.94	\$871.52
037070	CCP-Call Handling	50310063	CSR-1 Call Handling Rep	1,857.75	41.74	\$22,771.21	\$512.38	\$259.42	\$771.80
037070	CCP-Call Handling	50310116	CSR-1 Call Handling Rep	1,702.75	38.16	\$20,871.30	\$468.30	\$237.10	\$705.40
037070	CCP-Call Handling	50314488	Team Supvr Call Handling	2,080.00	46.66	\$43,125.39	\$967.71	\$489.96	\$1,457.67
037070	CCP-Call Handling	50320557	CSR-1 Call Handling Rep	389.50	8.65	\$4,917.64	\$109.11	\$55.24	\$164.35
037070	CCP-Call Handling	50320571	Team Supvr Call Handling	2,080.00	46.72	\$40,104.39	\$901.01	\$456.19	\$1,357.20
037070	CCP-Call Handling	50320577	CSR-3 Call Handling Rep	1,844.75	41.48	\$23,760.23	\$534.72	\$270.73	\$805.45
037070	CCP-Call Handling	50320654	CSR-3 Call Handling Rep	1,358.50	30.67	\$18,106.65	\$409.00	\$207.08	\$616.08
037070	CCP-Call Handling	50320656	CSR-3 Call Handling Rep	92.50	2.05	\$2,299.04	\$50.99	\$25.82	\$76.81
037070	CCP-Call Handling	50320693	CSR-3 Call Handling Rep	2,121.25	47.64	\$28,819.72	\$646.92	\$327.54	\$974.46
037070	CCP-Call Handling	50320710	CSR-1 Call Handling Rep	866.00	19.23	\$10,876.45	\$241.02	\$122.03	\$363.05
037070	CCP-Call Handling	50320712	CSR-1 Call Handling Rep	2,086.50	46.86	\$26,120.87	\$585.67	\$296.53	\$882.20
037070	CCP-Call Handling	50320730	CSR-1 Call Handling Rep	1,865.00	41.91	\$23,400.03	\$525.48	\$266.06	\$791.54
037070	CCP-Call Handling	50345374	CSR-3 Call Handling Rep	2,119.50	47.62	\$28,247.70	\$634.98	\$321.50	\$956.48
037070	CCP-Call Handling	50345377	CSR-3 Call Handling Rep	0.50	0.01	\$6.66	\$0.15	\$0.08	\$0.23
037070	CCP-Call Handling	50345380	CSR-3 Call Handling Rep	2,037.00	45.75	\$27,159.27	\$610.26	\$308.98	\$919.24
037070	CCP-Call Handling	50345385	CSR-3 Call Handling Rep	2,140.00	48.09	\$28,627.41	\$643.76	\$325.94	\$969.70
037070	CCP-Call Handling	50349598	CSR-3 Call Handling Rep	2,133.25	47.93	\$28,656.53	\$644.17	\$326.15	\$970.32
037070	CCP-Call Handling	50349601	CSR-3 Call Handling Rep	1,893.00	42.51	\$25,432.87	\$571.33	\$289.27	\$860.60
037070	CCP-Call Handling	50349604	CSR-3 Call Handling Rep	2,072.50	46.55	\$27,854.41	\$626.00	\$316.95	\$942.95
037070	CCP-Call Handling	50349605	CSR-1 Call Handling Rep	581.75	12.91	\$6,951.87	\$154.54	\$78.25	\$232.79
037070	CCP-Call Handling	50349612	CSR-1 Call Handling Rep	2,060.50	46.29	\$25,256.25	\$568.08	\$287.62	\$855.70
037070	CCP-Call Handling	50349613	CSR-4 Technical Coordinator	2,011.75	45.04	\$29,996.13	\$671.40	\$339.94	\$1,011.34
037070	CCP-Call Handling	50349616	CSR-3 Call Handling Rep	2,128.50	47.83	\$28,574.28	\$642.33	\$325.22	\$967.55
037070	CCP-Call Handling	50349630	CSR-4 Technical Coordinator	2,126.00	47.60	\$31,598.76	\$707.36	\$358.14	\$1,065.50
037070	CCP-Call Handling	50355345	CSR-3 Call Handling Rep	1,420.75	31.65	\$19,444.62	\$433.41	\$219.44	\$652.85
037070	CCP-Call Handling	50355350	CSR-3 Call Handling Rep	2,148.25	48.26	\$29,324.11	\$658.44	\$333.37	\$991.81
037070	CCP-Call Handling	50355359	CSR-3 Call Handling Rep	2,088.25	46.91	\$28,375.48	\$637.58	\$322.81	\$960.39
037070	CCP-Call Handling	50367873	CSR-1 Call Handling Rep	998.25	22.16	\$12,235.97	\$271.93	\$137.68	\$409.61
037070	CCP-Call Handling	50367882	CSR-1 Call Handling Rep	2,071.75	46.54	\$25,394.31	\$571.29	\$289.25	\$860.54
037070	CCP-Call Handling	50367883	CSR-1 Call Handling Rep	912.00	20.25	\$11,481.78	\$255.18	\$129.20	\$384.38
037070	CCP-Call Handling	50367884	CSR-1 Call Handling Rep	1,707.00	38.38	\$20,923.33	\$471.05	\$238.50	\$709.55
037070	CCP-Call Handling	50367885	CSR-1 Call Handling Rep	1,632.50	36.64	\$20,010.24	\$449.82	\$227.75	\$677.57
037070	CCP-Call Handling	50367928	CSR-1 Call Handling Rep	1,853.25	41.61	\$22,847.77	\$513.56	\$260.02	\$773.58
037070	CCP-Call Handling	50367929	CSR-1 Call Handling Rep	2,177.75	48.92	\$26,981.73	\$606.84	\$307.25	\$914.09
037070	CCP-Call Handling	50367942	CSR-3 Call Handling Rep	2,134.50	47.96	\$27,782.33	\$624.77	\$316.33	\$941.10
037070	CCP-Call Handling	50367950	CSR-1 Call Handling Rep	1,854.00	41.66	\$22,725.29	\$511.35	\$258.90	\$770.25
037070	CCP-Call Handling	50376835	CSR-1 Call Handling Rep	1,687.00	37.86	\$19,982.65	\$448.17	\$226.91	\$675.08
037070	CCP-Call Handling	50376844	CSR-1 Call Handling Rep	768.25	17.08	\$9,099.96	\$202.01	\$102.28	\$304.29

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
037070	CCP-Call Handling	50376857	CSR-1 Call Handling Rep	2,072.00	46.54	\$24,542.81	\$550.80	\$278.88	\$829.68
037070	CCP-Call Handling	50376858	CSR-1 Call Handling Rep	2,222.50	49.91	\$27,110.15	\$608.15	\$307.91	\$916.06
037070	CCP-Call Handling	50376867	CSR-1 Call Handling Rep	2,038.75	45.79	\$24,149.04	\$541.87	\$274.35	\$816.22
037070	CCP-Call Handling	50376886	CSR-3 Call Handling Rep	5.25	0.12	\$67.59	\$1.50	\$0.76	\$2.26
037070	CCP-Call Handling	50376903	Team Supvr Call Handling	2,080.00	46.72	\$40,667.98	\$913.78	\$462.66	\$1,376.44
037070	CCP-Call Handling	50389385	CSR-1 Call Handling Rep	2,041.25	45.83	\$24,273.38	\$544.37	\$275.62	\$819.99
037070	CCP-Call Handling	50389389	CSR-3 Call Handling Rep	709.00	15.74	\$9,310.99	\$206.53	\$104.57	\$311.10
037070	CCP-Call Handling	50389398	CSR-1 Call Handling Rep	388.25	8.62	\$4,598.82	\$101.97	\$51.63	\$153.60
037070	CCP-Call Handling	50389400	CSR-3 Call Handling Rep	2,121.00	47.66	\$27,307.90	\$614.07	\$310.91	\$924.98
037070	CCP-Call Handling	50389401	CSR-3 Call Handling Rep	1,636.25	36.86	\$21,157.12	\$476.88	\$241.45	\$718.33
037070	CCP-Call Handling	50389402	CSR-1 Call Handling Rep	2,109.50	47.39	\$24,997.03	\$561.02	\$284.05	\$845.07
037070	CCP-Call Handling	50389403	CSR-3 Call Handling Rep	2,066.25	46.42	\$27,308.01	\$613.85	\$310.80	\$924.65
037070	CCP-Call Handling	50389406	CSR-1 Call Handling Rep	2,134.00	47.95	\$25,410.47	\$570.50	\$288.85	\$859.35
037070	CCP-Call Handling	50389407	CSR-1 Call Handling Rep	1,858.75	41.78	\$22,016.93	\$494.54	\$250.39	\$744.93
037070	CCP-Call Handling	50389411	CSR-3 Call Handling Rep	1,525.50	34.03	\$19,930.40	\$445.08	\$225.35	\$670.43
037070	CCP-Call Handling	50389440	CSR-1 Call Handling Rep	2,150.50	48.32	\$25,578.42	\$574.25	\$290.75	\$865.00
037070	CCP-Call Handling	50391777	CSR-3 Call Handling Rep	2,089.50	46.92	\$27,186.56	\$610.79	\$309.25	\$920.04
037070	CCP-Call Handling	50409455	CSR-1 Call Handling Rep	1,219.50	27.32	\$14,503.47	\$324.73	\$164.41	\$489.14
037070	CCP-Call Handling	50409456	CSR-1 Call Handling Rep	1,749.75	39.35	\$20,764.01	\$466.65	\$236.27	\$702.92
037070	CCP-Call Handling	50409462	Team Supvr Call Handling	2,080.00	46.72	\$39,520.34	\$887.04	\$449.12	\$1,336.16
037070	CCP-Call Handling	50409464	CSR-1 Call Handling Rep	40.00	0.89	\$189.52	\$4.19	\$2.12	\$6.31
037070	CCP-Call Handling	50409465	CSR-1 Call Handling Rep	1,983.75	44.57	\$23,554.04	\$528.71	\$267.69	\$796.40
037070	CCP-Call Handling	50409466	CSR-1 Call Handling Rep	1,597.00	35.80	\$19,708.13	\$441.52	\$223.55	\$665.07
037070	CCP-Call Handling	50409467	CSR-1 Call Handling Rep	2,085.75	46.85	\$24,705.73	\$554.40	\$280.70	\$835.10
037070	CCP-Call Handling	50409471	CSR-3 Call Handling Rep	2,532.50	56.88	\$35,171.41	\$790.03	\$400.00	\$1,190.03
037070	CCP-Call Handling	50409484	CSR-1 Call Handling Rep	1,177.00	26.67	\$13,951.57	\$315.95	\$175.92	\$475.92
037070	CCP-Call Handling	50409485	CSR-1 Call Handling Rep	2,092.75	47.01	\$24,897.86	\$558.76	\$282.91	\$841.67
037070	CCP-Call Handling	50409490	CSR-1 Call Handling Rep	1,730.25	38.74	\$20,494.91	\$458.43	\$232.11	\$690.54
037070	CCP-Call Handling	50411415	CSR-3 Call Handling Rep	1,925.75	43.25	\$25,429.20	\$571.53	\$289.37	\$860.90
037070	CCP-Call Handling	50411421	CSR-3 Call Handling Rep	1,214.00	27.00	\$15,764.30	\$351.02	\$177.72	\$528.74
037070	CCP-Call Handling	50411426	CSR-1 Call Handling Rep	2,110.50	47.55	\$27,188.87	\$612.36	\$310.04	\$922.40
037070	CCP-Call Handling	50411429	CSR-3 Call Handling Rep	2,131.50	47.89	\$27,458.23	\$617.48	\$312.64	\$930.12
037070	CCP-Call Handling	50411431	CSR-3 Call Handling Rep	2,108.75	47.35	\$27,470.60	\$617.07	\$312.43	\$929.50
037070	CCP-Call Handling	50411448	CSR-3 Call Handling Rep	2,141.25	48.11	\$27,638.89	\$621.69	\$314.77	\$936.46
037070	CCP-Call Handling	50418994	CSR-3 Call Handling Rep	1,549.50	34.70	\$19,967.88	\$447.66	\$226.65	\$674.31
037070	CCP-Call Handling	50419041	CSR-3 Call Handling Rep	779.25	17.30	\$10,032.88	\$222.95	\$112.88	\$335.83
037070	CCP-Call Handling	50419050	CSR-3 Call Handling Rep	1,874.75	42.06	\$24,314.91	\$545.89	\$276.39	\$822.28
037070	CCP-Call Handling	50419055	CSR-3 Call Handling Rep	1,717.25	38.65	\$22,613.22	\$509.41	\$257.92	\$767.33
037070	CCP-Call Handling	50419062	CSR-3 Call Handling Rep	659.00	14.63	\$8,473.13	\$188.33	\$95.35	\$283.68
037070	CCP-Call Handling	50419069	CSR-3 Call Handling Rep	138.25	3.07	\$1,839.98	\$40.88	\$20.70	\$61.58
037070	CCP-Call Handling	50419070	CSR-1 Call Handling Rep	1,482.50	33.15	\$17,558.16	\$392.38	\$198.67	\$591.05
037070	CCP-Call Handling	50419071	CSR-3 Call Handling Rep	2,141.00	48.13	\$27,735.42	\$624.15	\$316.01	\$940.16
037070	CCP-Call Handling	50419072	CSR-3 Call Handling Rep	1,488.25	33.41	\$19,366.32	\$435.13	\$220.31	\$655.44
037070	CCP-Call Handling	50419074	CSR-3 Call Handling Rep	592.00	13.14	\$7,853.53	\$174.57	\$88.39	\$262.96
037070	CCP-Call Handling	50419078	CSR-3 Call Handling Rep	2,067.25	46.43	\$27,035.43	\$607.94	\$307.81	\$915.75
037070	CCP-Call Handling	50419081	CSR-1 Call Handling Rep	1,357.25	30.22	\$16,619.69	\$369.45	\$187.06	\$556.51
037070	CCP-Call Handling	50419083	CSR-3 Call Handling Rep	257.25	5.71	\$3,214.11	\$71.41	\$36.16	\$107.57
037070	CCP-Call Handling	50419084	CSR-3 Call Handling Rep	2,141.50	48.10	\$27,697.38	\$622.76	\$315.31	\$938.07
037070	CCP-Call Handling	50419085	CSR-3 Call Handling Rep	508.50	11.29	\$6,546.97	\$145.52	\$73.68	\$219.20
037070	CCP-Call Handling	50423540	CSR-1 Call Handling Rep	1,980.50	44.49	\$23,528.01	\$527.97	\$267.32	\$795.29
037070	CCP-Call Handling	50423548	CSR-1 Call Handling Rep	52.50	1.17	\$622.88	\$13.80	\$6.99	\$20.79
037070	CCP-Call Handling	50423551	CSR-1 Call Handling Rep	1,371.50	30.62	\$16,320.40	\$364.00	\$184.30	\$548.30
037070	CCP-Call Handling	50423553	CSR-1 Call Handling Rep	41.00	0.91	\$438.27	\$9.71	\$4.92	\$14.63
037070	CCP-Call Handling	50423554	CSR-1 Call Handling Rep	2,096.25	47.08	\$24,830.09	\$557.20	\$282.12	\$839.32
037070	CCP-Call Handling	50423555	CSR-1 Call Handling Rep	1,799.75	40.47	\$21,333.60	\$479.41	\$242.73	\$722.14
037070	CCP-Call Handling	50423557	CSR-1 Call Handling Rep	1,649.50	36.94	\$19,607.58	\$438.74	\$222.14	\$660.88
037070	CCP-Call Handling	50423559	CSR-1 Call Handling Rep	1,183.25	26.50	\$14,015.68	\$313.59	\$158.77	\$472.36
037070	CCP-Call Handling	50423560	CSR-1 Call Handling Rep	1,559.50	35.15	\$18,494.36	\$416.50	\$210.88	\$627.38
037070	CCP-Call Handling	50423561	CSR-1 Call Handling Rep	2,047.50	46.00	\$24,253.67	\$544.33	\$275.60	\$819.93
037070	CCP-Call Handling	50423564	CSR-1 Call Handling Rep	1,859.75	41.73	\$22,274.61	\$499.50	\$252.90	\$752.40
037070	CCP-Call Handling	50423568	CSR-1 Call Handling Rep	2,112.25	47.46	\$25,031.46	\$561.83	\$284.46	\$846.29
037070	CCP-Call Handling	50425957	CSR-1 Call Handling Rep	2,032.00	45.63	\$24,069.11	\$540.07	\$273.44	\$813.51
037070	CCP-Call Handling	50425958	CSR-1 Call Handling Rep	2,137.05	48.01	\$25,438.07	\$570.96	\$289.08	\$860.04
037070	CCP-Call Handling	50425960	CSR-1 Call Handling Rep	2,127.00	47.76	\$25,566.31	\$573.34	\$290.29	\$863.63
037070	CCP-Call Handling	50425961	CSR-1 Call Handling Rep	2,136.50	47.99	\$25,553.47	\$573.53	\$290.38	\$863.91
037070	CCP-Call Handling	50425962	CSR-1 Call Handling Rep	1,143.00	25.37	\$13,538.86	\$300.10	\$151.94	\$452.04
037070	CCP-Call Handling	50425965	CSR-1 Call Handling Rep	2,068.50	46.46	\$24,669.63	\$553.64	\$280.31	\$833.95
037070	CCP-Call Handling	50425967	CSR-1 Call Handling Rep	92.00	2.04	\$994.96	\$22.10	\$11.19	\$33.29
037070	CCP-Call Handling	50425968	CSR-1 Call Handling Rep	2,112.75	47.46	\$25,550.02	\$573.35	\$290.29	\$863.64
037070	CCP-Call Handling	50425971	CSR-1 Call Handling Rep	2,129.75	47.86	\$25,769.90	\$578.36	\$292.83	\$871.19
037070	CCP-Call Handling	50425974	CSR-1 Call Handling Rep	2,133.25	47.93	\$25,407.36	\$570.30	\$288.75	\$859.05
037070	CCP-Call Handling	50425975	CSR-1 Call Handling Rep	863.00	19.16	\$10,222.39	\$226.92	\$114.89	\$341.81
037070	CCP-Call Handling	50425978	CSR-1 Call Handling Rep	2,049.75	46.05	\$24,550.86	\$551.04	\$279.00	\$830.04
037070	CCP-Call Handling	50425979	CSR-1 Call Handling Rep	1,569.75	35.26	\$18,693.50	\$419.64	\$212.47	\$632.11
037070	CCP-Call Handling	50425980	CSR-1 Call Handling Rep	1,008.75	22.39	\$12,142.12	\$269.12	\$136.26	\$405.38
037070	CCP-Call Handling	50425981	CSR-1 Call Handling Rep	606.00	13.45	\$7,270.86	\$161.20	\$81.62	\$242.82
037070	CCP-Call Handling	50428295	CSR-1 Call Handling Rep	1,748.25	39.16	\$20,735.30	\$464.04	\$234.95	\$698.99
037070	CCP-Call Handling	50428303	CSR-1 Call Handling Rep	2,083.00	46.79	\$25,105.15	\$563.13	\$285.12	\$848.25
037070	CCP-Call Handling	50428304	CSR-1 Call Handling Rep	580.50	12.89	\$6,918.44	\$153.35	\$77.64	\$230.99
037070	CCP-Call Handling	50428305	CSR-1 Call Handling Rep	2,194.75	49.29	\$26,895.64	\$603.35	\$305.48	\$908.83
037070	CCP-Call Handling	50428308	CSR-1 Call Handling Rep	321.50	7.14	\$3,812.67	\$84.53	\$42.80	\$127.33
037070	CCP-Call Handling	50428313	CSR-1 Call Handling Rep	2,107.50	47.34	\$25,272.14	\$567.09	\$287.12	\$854.21
037070	CCP-Call Handling	50428317	CSR-1 Call Handling Rep	2,014.00	45.24	\$23,855.88	\$535.36	\$271.06	\$806.42
037070	CCP-Call Handling	50428320	CSR-1 Call Handling Rep	2,068.25	46.44	\$25,212.42	\$565.62	\$286.38	\$852.00
037070	CCP-Call Handling	50428325	CSR-1 Call Handling Rep	1,832.75	41.10	\$22,126.67	\$495.66	\$250.96	\$746.62
037070	CCP-Call Handling	50428326	CSR-1 Call Handling Rep	2,118.00	47.59	\$25,401.93	\$570.08	\$288.64	\$858.72
037070	CCP-Call Handling	50428327	CSR-1 Call Handling Rep	2,020.00	45.42	\$24,490.16	\$550.13	\$278.54	\$828.67
037070	CCP-Call Handling	50428328	CSR-1 Call Handling Rep	2,120.00	47.60	\$25,533.65	\$572.62	\$289.92	\$862.54
037070	CCP-Call Handling	50428331	CSR-1 Call Handling Rep	2,108.75	47.37	\$25,429.92	\$570.53	\$288.87	\$859.40

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended March 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours Billed to		Amount Billed to		Overhead	Total Billed to TN
				Hours	TN	Amount	TN		
037070	CCP-Call Handling	50428335	CSR-1 Call Handling Rep	1,532.75	34.47	\$18,531.92	\$416.35	\$210.80	\$627.15
037070	CCP-Call Handling	50428337	CSR-1 Call Handling Rep	1,790.50	40.17	\$21,373.60	\$479.03	\$242.54	\$721.57
037070	CCP-Call Handling	50428339	CSR-1 Call Handling Rep	1,120.00	24.86	\$13,578.15	\$301.00	\$152.40	\$453.40
037070	CCP-Call Handling	50428340	CSR-1 Call Handling Rep	2,119.25	47.61	\$25,426.02	\$570.62	\$288.91	\$859.53
037070	CCP-Call Handling	50428343	CSR-1 Call Handling Rep	800.00	17.76	\$9,538.00	\$211.42	\$107.04	\$318.46
037070	CCP-Call Handling	50428344	CSR-1 Call Handling Rep	73.75	1.64	\$873.56	\$19.38	\$9.81	\$29.19
037070	CCP-Call Handling	50428351	CSR-1 Call Handling Rep	2,117.75	47.56	\$25,084.75	\$562.81	\$284.96	\$847.77
037070	CCP-Call Handling	50479542	CSR-1 Call Handling Rep	260.00	5.77	\$2,795.98	\$62.00	\$31.39	\$93.39
037070	CCP-Call Handling	50479543	CSR-1 Call Handling Rep	231.25	5.13	\$2,484.06	\$55.10	\$27.90	\$83.00
037070	CCP-Call Handling	50479544	CSR-1 Call Handling Rep	100.00	2.22	\$1,060.00	\$23.60	\$11.95	\$35.55
037070	CCP-Call Handling	50479546	CSR-1 Call Handling Rep	1,024.75	23.13	\$11,459.00	\$258.80	\$131.03	\$389.83
037070	CCP-Call Handling	50479548	CSR-1 Call Handling Rep	365.25	8.11	\$3,963.90	\$87.93	\$44.52	\$132.45
037070	CCP-Call Handling	50479549	CSR-1 Call Handling Rep	171.25	3.80	\$1,833.06	\$40.70	\$20.61	\$61.31
037070	CCP-Call Handling	50479551	CSR-1 Call Handling Rep	1,007.50	22.71	\$11,248.68	\$253.68	\$128.44	\$382.12
037070	CCP-Call Handling	50479552	CSR-1 Call Handling Rep	200.25	4.45	\$2,147.71	\$47.76	\$24.18	\$71.94
037070	CCP-Call Handling	50479553	CSR-1 Call Handling Rep	222.50	4.94	\$2,389.11	\$53.04	\$26.85	\$79.89
037070	CCP-Call Handling	50479555	CSR-1 Call Handling Rep	205.75	4.57	\$2,207.39	\$48.98	\$24.80	\$73.78
037070	CCP-Call Handling	50479557	CSR-1 Call Handling Rep	30.00	0.67	\$318.00	\$7.08	\$3.58	\$10.66
037070	CCP-Call Handling	50479558	CSR-1 Call Handling Rep	220.75	4.90	\$2,372.64	\$52.62	\$26.64	\$79.26
037070	CCP-Call Handling	50479559	CSR-1 Call Handling Rep	1,175.00	26.52	\$13,402.85	\$302.58	\$153.20	\$455.78
037070	CCP-Call Handling	50479561	CSR-1 Call Handling Rep	1,004.50	22.66	\$11,224.05	\$253.18	\$128.19	\$381.37
037070	CCP-Call Handling	50479563	CSR-1 Call Handling Rep	40.00	0.89	\$424.00	\$9.44	\$4.78	\$14.22
037070	CCP-Call Handling	50480280	CSR-1 Call Handling Rep	135.00	3.00	\$1,439.75	\$32.00	\$16.20	\$48.20
037070	CCP-Call Handling	50498442	CSR-1 Call Handling Rep	132.00	2.94	\$1,432.20	\$31.82	\$16.11	\$47.93
037070	CCP-Call Handling	50498446	CSR-1 Call Handling Rep	633.75	14.41	\$6,949.44	\$158.30	\$80.15	\$238.45
037070	CCP-Call Handling	50498447	CSR-1 Call Handling Rep	511.25	11.57	\$5,625.82	\$127.48	\$64.54	\$192.02
037070	CCP-Call Handling	50498448	CSR-1 Call Handling Rep	732.50	16.67	\$8,039.42	\$183.07	\$92.69	\$275.76
037070	CCP-Call Handling	50498449	CSR-1 Call Handling Rep	137.25	3.06	\$1,489.18	\$33.21	\$16.81	\$50.02
037070	CCP-Call Handling	50498452	CSR-1 Call Handling Rep	707.00	16.08	\$8,041.06	\$183.06	\$92.69	\$275.75
037070	CCP-Call Handling	50500852	CSR-1 Call Handling Rep	466.75	10.58	\$5,051.05	\$114.60	\$58.02	\$172.62
037070	CCP-Call Handling	50500854	CSR-1 Call Handling Rep	524.25	11.89	\$5,694.06	\$129.43	\$65.53	\$194.96
037070	CCP-Call Handling	50500855	CSR-1 Call Handling Rep	518.50	11.75	\$5,629.35	\$127.97	\$64.79	\$192.76
037070	CCP-Call Handling	50500856	CSR-1 Call Handling Rep	576.45	13.08	\$6,270.36	\$142.36	\$72.08	\$214.44
037070	CCP-Call Handling	50500857	CSR-1 Call Handling Rep	505.00	11.45	\$5,481.42	\$124.47	\$63.02	\$187.49
037070	CCP-Call Handling	50500858	CSR-1 Call Handling Rep	207.50	4.66	\$2,203.38	\$49.56	\$25.09	\$74.65
037070	CCP-Call Handling	50500861	CSR-1 Call Handling Rep	590.25	13.39	\$6,423.53	\$145.89	\$73.87	\$219.76
037070	CCP-Call Handling	50500862	CSR-1 Call Handling Rep	209.00	4.70	\$2,221.40	\$50.02	\$25.33	\$75.35
037070	CCP-Call Handling	50500864	CSR-1 Call Handling Rep	555.75	12.60	\$6,046.64	\$137.30	\$69.52	\$206.82
037070	CCP-Call Handling	50500867	CSR-1 Call Handling Rep	326.50	7.38	\$3,498.40	\$79.16	\$40.08	\$119.24
037070	CCP-Call Handling	50500869	CSR-1 Call Handling Rep	574.25	13.03	\$6,247.61	\$141.88	\$71.84	\$213.72
037070	CCP-Call Handling	50500872	CSR-1 Call Handling Rep	534.00	12.11	\$5,802.99	\$131.83	\$66.75	\$198.58
037070	CCP-Call Handling	50500874	CSR-1 Call Handling Rep	569.50	12.92	\$6,194.48	\$140.66	\$71.22	\$211.88
037070	CCP-Call Handling	50500875	CSR-1 Call Handling Rep	468.75	10.62	\$5,076.70	\$115.21	\$58.33	\$173.54
037070	CCP-Call Handling	50500877	CSR-1 Call Handling Rep	592.25	13.44	\$6,444.81	\$146.42	\$74.13	\$220.55
037070	CCP-Call Handling	50500883	CSR-1 Call Handling Rep	540.00	12.24	\$5,868.88	\$133.23	\$67.46	\$200.69
037070	CCP-Call Handling	50500885	CSR-1 Call Handling Rep	607.50	13.79	\$6,611.39	\$150.18	\$76.04	\$226.22
037070	CCP-Call Handling	50501953	CSR-1 Call Handling Rep	585.00	13.27	\$6,367.35	\$144.63	\$73.23	\$217.86
037070	CCP-Call Handling	50501954	CSR-1 Call Handling Rep	599.75	13.60	\$6,531.62	\$148.26	\$75.07	\$223.33
037070 Total				452,352.50	10,153.70	\$6,219,856.76	\$139,602.24	\$70,682.01	\$210,284.25
037073	CCP-Operations and Support	50105941	Analyst Traffic & Scheduling	2,080.00	46.13	\$44,940.22	\$996.20	\$504.39	\$1,500.59
037073	CCP-Operations and Support	50181794	Analyst Traffic & Scheduling	2,080.00	46.13	\$41,817.44	\$927.96	\$469.84	\$1,397.80
037073	CCP-Operations and Support	50188942	Analyst Traffic & Scheduling	442.00	9.81	\$8,685.85	\$192.82	\$97.63	\$290.45
037073 Total				4,602.00	102.07	\$95,443.51	\$2,116.98	\$1,071.85	\$3,188.83
037075	CCP-Education & Development	3016238	Specialist Performance (N)	2,080.00	46.13	\$48,863.98	\$1,084.00	\$548.84	\$1,632.84
037075	CCP-Education & Development	3016350	Specialist Performance (N)	2,080.00	46.13	\$47,280.44	\$1,048.19	\$530.71	\$1,578.90
037075	CCP-Education & Development	3016667	Analyst QA (N)	2,080.00	46.13	\$46,327.64	\$1,026.63	\$519.79	\$1,546.42
037075	CCP-Education & Development	3016671	Specialist Performance (N)	1,855.00	41.13	\$37,327.19	\$827.80	\$419.12	\$1,246.92
037075	CCP-Education & Development	3016687	Specialist Performance (N)	2,069.00	45.88	\$46,485.19	\$1,031.65	\$522.33	\$1,553.98
037075	CCP-Education & Development	3017735	Mgr Process	680.00	15.10	\$25,083.50	\$556.77	\$281.90	\$838.67
037075	CCP-Education & Development	3017735	Mgr Quality CSC	760.00	16.87	\$28,034.50	\$622.29	\$315.07	\$937.36
037075	CCP-Education & Development	3018070	Analyst QA (N)	1,561.00	34.61	\$31,015.39	\$687.70	\$348.19	\$1,035.89
037075	CCP-Education & Development	17009339	Specialist Performance (N)	297.50	6.60	\$7,553.08	\$167.63	\$84.87	\$252.50
037075	CCP-Education & Development	50019724	Analyst QA (N)	2,072.00	45.95	\$41,297.72	\$916.38	\$463.97	\$1,380.35
037075	CCP-Education & Development	50027572	Analyst QA (N)	2,083.50	46.21	\$38,193.03	\$846.25	\$428.46	\$1,274.71
037075	CCP-Education & Development	50193730	Analyst QA (N)	2,082.00	46.17	\$36,266.99	\$804.28	\$407.22	\$1,211.50
037075	CCP-Education & Development	50198894	Analyst QA (N)	1,769.00	39.22	\$30,774.77	\$681.44	\$345.02	\$1,026.46
037075	CCP-Education & Development	50198913	Analyst QA (N)	2,084.00	46.22	\$36,282.41	\$804.67	\$407.41	\$1,212.08
037075	CCP-Education & Development	50319820	Analyst QA (N)	1,440.00	31.92	\$26,297.41	\$582.59	\$294.97	\$877.56
037075 Total				24,993.00	554.27	\$527,083.24	\$11,688.27	\$5,917.89	\$17,606.16
Grand Total				2,616,758.07	68,512.05	\$77,184,769.28	\$2,024,614.53	\$1,025,082.58	\$3,049,697.11

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032002	CORP-HR Comp/Benefits		3002332	Dir Comp & Benefits	2,080.00	37.52	193,375.98	3,487.31	1,765.66	5,252.97
032002	CORP-HR Comp/Benefits		5022352	Mgr Compensation	2,080.00	41.46	124,357.20	2,479.20	1,255.24	3,734.44
032002	CORP-HR Comp/Benefits		50367867	Sr Analyst Compensation	2,080.00	41.46	84,051.69	1,676.15	848.65	2,524.80
032002	CORP-HR Comp/Benefits		50495199	Analyst Compensation	2,040.00	40.65	70,192.67	1,399.25	708.45	2,107.70
032002	CORP-HR Comp/Benefits		50502444	Mgr Health & Wellness	440.00	8.85	20,593.10	414.20	209.71	623.91
032002 Total					8,720.00	169.95	492,570.64	\$9,456.11	\$4,787.71	\$14,243.82
032003	CORP-HR Talent Development		50197686	Sr OD Consultant	1,800.00	35.92	87,729.91	1,750.99	886.54	2,637.53
032003	CORP-HR Talent Development		50220138	HR Project Asst (N)	81.50	1.65	2,229.52	45.24	22.91	68.15
032003	CORP-HR Talent Development		50220138	Learning & Dvlpmnt Consultant	1,984.00	39.52	59,701.00	1,190.12	602.57	1,792.69
032003	CORP-HR Talent Development		50224367	Sr OD Consultant	2,080.00	41.46	129,842.57	2,587.13	1,309.89	3,897.02
032003	CORP-HR Talent Development		50480397	Dir Learning & Org Development	2,080.00	41.46	161,607.06	3,220.85	1,630.75	4,851.60
032003 Total					8,025.50	160.03	441,110.06	\$8,794.33	\$4,452.66	\$13,246.99
032004	CORP-HR Labor Relations		50269629	Dir Labor & Employee Relations	2,080.00	41.46	182,652.48	3,639.92	1,842.93	5,482.85
032004	CORP-HR Labor Relations		50302387	Admin Asst (N)	1,097.50	22.00	21,349.58	427.89	216.64	644.53
032004	CORP-HR Labor Relations		50302387	HR Project Asst (N)	996.50	16.50	22,040.37	365.70	185.16	550.86
032004 Total					4,174.00	79.97	226,042.43	\$4,433.51	\$2,244.73	\$6,678.24
032006	CORP-Business Center HR		50171197	HR Generalist	840.00	16.91	24,884.10	501.09	253.71	754.80
032006	CORP-Business Center HR		50171197	Sr HR Generalist	1,240.00	24.55	40,240.80	796.99	403.52	1,200.51
032006	CORP-Business Center HR		50217694	Sr HR Generalist	2,068.00	41.23	82,188.52	1,638.07	829.37	2,467.44
032006	CORP-Business Center HR		50256298	Mgr Human Resources	2,080.00	40.99	98,246.40	1,936.51	980.47	2,916.98
032006	CORP-Business Center HR		50362144	HR Generalist	840.00	16.91	22,895.78	461.04	233.43	694.47
032006	CORP-Business Center HR		50362144	Sr HR Generalist	1,240.00	24.55	38,153.29	754.90	382.21	1,137.11
032006	CORP-Business Center HR		50402247	Dir HR	2,080.00	41.46	204,384.00	4,067.91	2,059.62	6,127.53
032006 Total					10,388.00	206.61	510,992.89	\$10,156.51	\$5,142.33	\$15,298.84
032007	CORP-Finance		3000002	Dir Corp Accounting	2,080.00	42.57	163,204.00	3,338.70	1,690.42	5,029.12
032007	CORP-Finance		3001300	VP Finance & Accounting	2,080.00	42.10	231,141.80	4,678.02	2,368.53	7,046.55
032007	CORP-Finance		3015490	Princ Analyst Financial	1,080.00	22.14	54,271.65	1,113.15	563.60	1,676.75
032007	CORP-Finance		50037426	Financial Analyst III (FP&A)	1,080.00	22.14	44,722.80	916.67	464.12	1,380.79
032007	CORP-Finance		50282622	Mgr Corp Consolidated Fin Rptg	2,080.00	42.75	104,947.19	2,156.20	1,091.71	3,247.91
032007	CORP-Finance		50285834	Mgr Accounting Standards	2,080.00	42.75	101,993.60	2,096.39	1,061.42	3,157.81
032007	CORP-Finance		50289510	Sr Accountant	2,080.00	42.75	69,306.68	1,425.08	721.53	2,146.61
032007	CORP-Finance		50321879	Dir Business Performance Rptg	1,080.00	22.14	91,974.40	1,885.00	954.39	2,839.39
032007	CORP-Finance		50323983	Financial Analyst III (FP&A)	2,080.00	42.75	87,975.20	1,808.51	915.67	2,724.18
032007	CORP-Finance		50366974	Financial Analyst II (FP&A)	1,440.00	29.63	41,249.60	849.00	429.86	1,278.86
032007	CORP-Finance		50370386	Financial Analyst III (FP&A)	1,080.00	22.14	55,601.40	1,140.15	577.27	1,717.42
032007	CORP-Finance		50372988	Financial Analyst III (FP&A)	2,080.00	42.75	80,683.51	1,658.51	839.72	2,498.23
032007	CORP-Finance		50380800	VP & Controller	2,080.00	44.52	232,999.01	4,986.44	2,524.68	7,511.12
032007 Total					22,400.00	461.13	1,360,070.84	\$28,051.82	\$14,202.92	\$42,254.74
032010	CORP-Supply Chain-Sourcing		3017573	Supvr Supply Chain Procrmnt	2,080.00	46.65	69,852.91	1,566.01	792.89	2,358.90
032010	CORP-Supply Chain-Sourcing		3017576	Mgr Supply Chain Performance	2,080.00	46.65	97,152.92	2,179.76	1,103.63	3,283.39
032010	CORP-Supply Chain-Sourcing		3018061	Analyst Procurement Business	1,912.00	42.87	49,684.96	1,114.60	564.33	1,678.93
032010	CORP-Supply Chain-Sourcing		18505488	Dir Supply Chain	2,080.00	46.65	154,107.09	3,456.62	1,750.12	5,206.74
032010	CORP-Supply Chain-Sourcing		18506915	Analyst Procurement (N)	2,080.00	46.65	48,478.19	1,086.42	550.07	1,636.49
032010	CORP-Supply Chain-Sourcing		50033137	Sr Strategic Buyer	1,600.00	35.72	53,622.34	1,196.77	605.94	1,802.71
032010	CORP-Supply Chain-Sourcing		50063939	Admin Asst (N)	2,080.00	46.65	41,484.93	929.75	470.74	1,400.49
032010	CORP-Supply Chain-Sourcing		50138198	Analyst Procurement Business	400.00	28.80	9,807.70	706.20	357.56	1,063.76
032010	CORP-Supply Chain-Sourcing		50138198	Strategic Buyer	1,680.00	120.35	46,847.64	3,355.50	1,698.92	5,054.42
032010	CORP-Supply Chain-Sourcing		50138250	Sr Strategic Buyer	2,080.00	46.65	72,234.40	1,619.70	820.07	2,439.77
032010	CORP-Supply Chain-Sourcing		50139422	Analyst Supply Chain Bus Perf	2,080.00	46.65	59,853.94	1,342.37	679.66	2,022.03
032010	CORP-Supply Chain-Sourcing		50146191	Sr Strategic Buyer	2,088.00	46.74	86,432.77	1,934.57	979.49	2,914.06
032010	CORP-Supply Chain-Sourcing		50147894	Mgr Procurement Category	2,080.00	46.65	106,450.10	2,387.09	1,208.61	3,595.70
032010	CORP-Supply Chain-Sourcing		50149931	Sr Strategic Buyer	2,080.00	46.65	69,888.61	1,568.37	794.08	2,362.45
032010	CORP-Supply Chain-Sourcing		50149932	Mgr Procurement Category	2,080.00	46.65	112,807.38	2,529.82	1,280.87	3,810.69
032010	CORP-Supply Chain-Sourcing		50157519	Coord Procurement Change	544.00	12.24	20,440.03	459.79	232.80	692.59
032010	CORP-Supply Chain-Sourcing		50174686	Mgr Fleet Supply Chain	200.00	4.50	13,735.26	308.98	156.44	465.42
032010	CORP-Supply Chain-Sourcing		50205658	Strategic Buyer	2,080.00	46.65	83,632.10	1,875.60	949.64	2,825.24
032010	CORP-Supply Chain-Sourcing		50220148	Mgr Energy Supply Chain	2,080.00	46.65	97,353.66	2,182.51	1,105.03	3,287.54
032010	CORP-Supply Chain-Sourcing		50248959	Analyst Procurement Business	840.00	18.87	23,641.94	531.10	268.90	800.00
032010	CORP-Supply Chain-Sourcing		50248959	Strategic Buyer	1,240.00	27.78	37,057.40	830.80	420.64	1,251.44
032010	CORP-Supply Chain-Sourcing		50252569	Analyst Procurement Business	1,600.00	27.33	43,519.61	742.98	376.18	1,119.16
032010	CORP-Supply Chain-Sourcing		50252569	Strategic Buyer	480.00	10.08	14,307.75	300.48	152.14	452.62
032010	CORP-Supply Chain-Sourcing		50296657	Sr Strategic Buyer	2,080.00	46.65	83,861.82	1,880.40	952.07	2,832.47
032010	CORP-Supply Chain-Sourcing		50300150	Analyst Procurement (N)	1,880.00	42.17	36,472.33	818.80	414.57	1,233.37
032010	CORP-Supply Chain-Sourcing		50300150	Analyst Procurement Business	200.00	4.48	4,519.25	101.25	51.26	152.51
032010	CORP-Supply Chain-Sourcing		50305173	Mgr Procurement Ops	2,080.00	46.65	126,026.24	2,827.30	1,431.49	4,258.79
032010	CORP-Supply Chain-Sourcing		50325856	Analyst Procurement Business	1,600.00	35.90	41,138.12	922.40	467.02	1,389.42
032010	CORP-Supply Chain-Sourcing		50341591	Analyst Procurement (N)	2,080.00	46.65	36,394.94	815.77	413.03	1,228.80
032010	CORP-Supply Chain-Sourcing		50354420	Intern	360.00	8.06	3,600.00	80.55	40.78	121.33
032010	CORP-Supply Chain-Sourcing		50395812	Analyst Procurement (N)	2,080.00	46.65	39,654.43	888.81	450.01	1,338.82
032010	CORP-Supply Chain-Sourcing		50395993	Analyst Procurement Business	2,080.00	46.65	53,584.28	1,202.89	609.04	1,811.93
032010	CORP-Supply Chain-Sourcing		50415562	Analyst Procurement Business	1,000.00	22.46	26,134.27	587.30	297.36	884.66
032010	CORP-Supply Chain-Sourcing		50415562	Analyst Supply Chain Bus Perf	1,080.00	24.19	29,084.16	651.95	330.09	982.04
032010	CORP-Supply Chain-Sourcing		50437048	Coordinator Contract Mgt	2,080.00	46.65	68,753.66	1,541.82	780.64	2,322.46
032010	CORP-Supply Chain-Sourcing		50524032	Analyst Procurement Business	920.00	20.61	25,211.45	564.65	285.89	850.54
032010 Total					57,064.00	1,372.80	1,986,828.58	\$47,089.68	\$23,842.00	\$70,931.68
032011	CORP-Chief Operating Officer		3000006	Chief Water Technology Officer	1,120.00	22.67	190,321.61	3,856.48	1,952.57	5,809.05
032011	CORP-Chief Operating Officer		3000006	President AW Services	960.00	19.17	197,076.43	3,936.18	1,992.93	5,929.11
032011	CORP-Chief Operating Officer		3001296	VP Operations Services AWE	600.00	13.32	63,172.54	1,402.54	710.12	2,112.66
032011	CORP-Chief Operating Officer		3001296	VP Operations Services Reg	1,480.00	32.79	155,825.61	3,451.48	1,747.52	5,199.00
032011	CORP-Chief Operating Officer		17000087	Mgr O&M	200.00	3.01	20,857.60	382.17	193.50	575.67
032011	CORP-Chief Operating Officer		18506085	Mgr O&M	1,520.00	33.87	88,068.80	1,961.83	993.29	2,955.12
032011 Total					5,880.00	124.84	715,322.59	\$14,990.68	\$7,589.93	\$22,580.61
032013	CORP-HR Systems & Processes		50162509	Dir HR Strategies & Solutions	1,080.00	21.66	80,874.55	1,621.49	820.98	2,442.47
032013	CORP-HR Systems & Processes		50487327	Mgr Human Resources	2,080.00	41.46	92,463.00	1,842.89	933.07	2,775.96
032013 Total					3,160.00	63.13	173,337.55	\$3,464.38	\$1,754.05	\$5,218.43
032014	CORP-Benefits Service Center		3000493	Mgr Benefits	2,080.00	41.46	113,298.89	2,258.20	1,143.35	3,401.55

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit				Hours Billed		Amount Billed		Total Billed to	
Unit	Home Business Unit Description	Employee #	Job Title	Hours	to TN	Amount	to TN	Overhead	TN
032014	CORP-Benefits Service Center	3017980	Team Lead Benefits	2,080.00	41.46	72,043.29	1,435.91	727.02	2,162.93
032014	CORP-Benefits Service Center	3017982	Sr Specialist Benefits (N)	2,127.00	42.42	55,865.59	1,114.12	564.09	1,678.21
032014	CORP-Benefits Service Center	18507766	Supvr Benefits Service Center	2,080.00	41.46	88,823.30	1,769.90	896.12	2,666.02
032014	CORP-Benefits Service Center	50064034	Team Lead Reporting & Analysis	2,080.00	41.46	74,255.60	1,480.09	749.38	2,229.47
032014	CORP-Benefits Service Center	50139425	Benefits Administrator	2,080.00	41.46	67,207.50	1,339.01	677.95	2,016.96
032014	CORP-Benefits Service Center	50164863	Sr Specialist Benefits (N)	2,138.50	42.65	51,712.60	1,031.36	522.19	1,553.55
032014	CORP-Benefits Service Center	50239353	Sr Specialist Benefits (N)	2,151.00	42.91	51,811.69	1,033.92	523.48	1,557.40
032014	CORP-Benefits Service Center	50255343	Sr Specialist Benefits (N)	2,125.50	42.39	51,203.24	1,021.19	517.04	1,538.23
032014	CORP-Benefits Service Center	50255349	Sr Specialist Benefits (N)	2,143.00	42.74	50,641.28	1,011.10	511.93	1,523.03
032014	CORP-Benefits Service Center	50280447	Benefits Administrator	2,080.00	27.78	63,072.54	842.62	426.63	1,269.25
032014	CORP-Benefits Service Center	50285474	Admin Asst (N)	2,109.00	42.05	44,952.06	896.15	453.73	1,349.88
032014	CORP-Benefits Service Center	50427184	Sr Specialist Benefits (N)	2,130.00	42.48	50,972.89	1,017.21	515.02	1,532.23
032014	CORP-Benefits Service Center	50436632	Sr Specialist Benefits (N)	2,134.25	42.57	50,448.30	1,006.54	509.62	1,516.16
032014	CORP-Benefits Service Center	50458765	Benefits Administrator	2,080.00	41.46	62,837.51	1,252.69	634.25	1,886.94
032014 Total				31,618.25	616.77	949,146.28	\$18,510.01	\$9,371.80	\$27,881.81
032015	CORP-Legal	3003344	SVP General Counsel & Secty	560.00	9.75	83,461.07	1,453.05	735.69	2,188.74
032015	CORP-Legal	3003344	VP & Counsel Reg Prgms	120.00	2.46	17,884.50	366.60	185.61	552.21
032015	CORP-Legal	50162507	Chief Ethics & Compliance Off	2,080.00	42.09	180,113.11	3,645.95	1,845.98	5,491.93
032015	CORP-Legal	50263313	Counsel (SEC)	2,080.00	42.10	152,656.52	3,090.84	1,564.92	4,655.76
032015	CORP-Legal	50338072	Corp Counsel III (Contract)	2,080.00	42.75	163,508.75	3,360.94	1,701.68	5,062.62
032015	CORP-Legal	50338153	Corp Counsel III	560.00	10.60	41,326.60	782.08	395.97	1,178.05
032015	CORP-Legal	50338153	Employment & Labor Law Counsel	1,520.00	28.54	114,697.32	2,154.12	1,090.65	3,244.77
032015	CORP-Legal	50380834	Specialist SEC Compliance	2,080.00	42.75	70,841.30	1,456.30	737.34	2,193.64
032015	CORP-Legal	50479540	Paralegal (Ethics/Cmpl/E&L)(N)	2,080.50	42.76	71,225.18	1,463.16	740.81	2,203.97
032015	CORP-Legal	50511897	SVP General Counsel & Secty	1,464.00	30.01	239,309.10	4,906.19	2,484.05	7,390.24
032015 Total				14,624.50	293.82	1,135,023.45	\$22,679.23	\$11,482.70	\$34,161.93
032017	CORP-Planning & Reporting	3015490	Financial Analyst III (FP&A)	40.00	0.83	1,829.80	37.90	19.19	57.09
032017	CORP-Planning & Reporting	3015490	Princ Analyst Financial	960.00	19.78	46,639.85	961.80	486.97	1,448.77
032017	CORP-Planning & Reporting	3017405	Financial Analyst II (FP&A)	2,080.00	44.62	66,930.63	1,436.13	727.13	2,163.26
032017	CORP-Planning & Reporting	18504590	VP Planning & Reporting	600.00	12.41	67,821.60	1,401.42	709.55	2,110.97
032017	CORP-Planning & Reporting	50037426	Financial Analyst III (FP&A)	1,000.00	20.61	40,899.72	843.13	426.89	1,270.02
032017	CORP-Planning & Reporting	50048096	Analyst Project	640.00	13.23	21,604.00	446.80	226.22	673.02
032017	CORP-Planning & Reporting	50084609	Team Lead GA	2,080.00	42.01	84,976.22	1,716.64	869.15	2,585.79
032017	CORP-Planning & Reporting	50251207	Mgr Financial Perf Plng & Rptg	2,080.00	59.90	126,323.54	3,644.67	1,845.33	5,490.00
032017	CORP-Planning & Reporting	50321879	Dir Business Performance Rptg	1,000.00	20.49	77,710.51	1,591.63	805.86	2,397.49
032017	CORP-Planning & Reporting	50370386	Financial Analyst III (FP&A)	1,000.00	20.61	48,104.40	991.72	502.12	1,493.84
032017	CORP-Planning & Reporting	50393897	Financial Analyst III (FP&A)	640.00	32.29	25,062.27	1,266.80	641.39	1,908.19
032017	CORP-Planning & Reporting	50393897	Mgr Project Finance (BD)	80.00	7.04	3,720.00	327.40	165.77	493.17
032017	CORP-Planning & Reporting	50416867	Financial Analyst II (FP&A)	2,080.00	42.35	76,013.98	1,548.39	783.97	2,332.36
032017 Total				14,280.00	336.18	687,636.52	\$16,214.43	\$8,209.54	\$24,423.97
032018	CORP-Human Resources	50162509	Dir HR Strategies & Solutions	448.00	8.87	33,923.08	671.48	339.98	1,011.46
032018	CORP-Human Resources	50162509	Sr Project Manager HR	400.00	7.92	30,288.50	599.50	303.53	903.03
032018	CORP-Human Resources	50387574	VP Human Resources	2,080.00	41.46	235,000.94	4,685.49	2,372.31	7,057.80
032018 Total				2,928.00	58.25	299,212.52	\$5,956.47	\$3,015.82	\$8,972.29
032019	CORP-Operational Risk	50135639	Sr Dir Operational Risk Mgmt	2,080.00	44.76	164,331.08	3,537.99	1,791.32	5,329.31
032019	CORP-Operational Risk	50300261	Mgr Physical Security Div	200.00	(3.24)	7,448.35	(120.69)	(61.11)	(181.80)
032019	CORP-Operational Risk	50305144	Sr Mgr Opns Security	1,200.00	24.10	61,104.00	1,226.32	620.90	1,847.22
032019	CORP-Operational Risk	50305144	Sr Mgr Physical Security	880.00	18.51	44,046.60	925.36	468.52	1,393.88
032019	CORP-Operational Risk	50325935	Mgr Opns Security	1,200.00	15.38	52,564.63	673.82	341.16	1,014.98
032019	CORP-Operational Risk	50325935	Mgr Physical Security Div	880.00	30.41	37,717.88	1,295.86	656.11	1,951.97
032019	CORP-Operational Risk	50366969	Assistant Oprtnl Risk Mgt (N)	1,450.50	0.94	25,944.93	16.78	8.50	25.28
032019	CORP-Operational Risk	50396017	Specialist Opns Sec Systems (N)	1,256.80	26.85	31,333.21	670.01	339.23	1,009.24
032019	CORP-Operational Risk	50396017	Specialist Sec Syst Supp (N)	935.00	20.04	22,963.79	491.93	249.07	741.00
032019	CORP-Operational Risk	50396021	Specialist Opns Sec Systems (N)	1,232.50	26.21	31,134.47	662.66	335.51	998.17
032019	CORP-Operational Risk	50396021	Specialist Sec Syst Supp (N)	896.00	19.08	22,149.95	471.88	238.92	710.80
032019	CORP-Operational Risk	50401258	Specialist Opns Security	1,200.00	2.51	30,232.51	63.15	31.97	95.12
032019	CORP-Operational Risk	50401258	Specialist Physical Security	880.00	(4.87)	21,859.75	(118.96)	(60.23)	(179.19)
032019	CORP-Operational Risk	50478575	Sr Specialist Sec Syst Supp	2,080.00	43.59	63,184.72	1,324.59	670.65	1,995.24
032019 Total				16,370.80	264.26	616,015.87	\$11,120.70	\$5,630.52	\$16,751.22
032020	CORP-Corporate Bus Development	30000003	Mgr Financial Modeling & Evals	40.00	0.82	2,596.30	53.20	26.94	80.14
032020	CORP-Corporate Bus Development	30000003	Sr Mgr Corporate Dev	1,480.00	16.22	96,063.08	1,053.41	533.35	1,586.76
032020	CORP-Corporate Bus Development	50031457	Proposal Writer	120.00	0.13	5,844.24	6.55	3.32	9.87
032020	CORP-Corporate Bus Development	50031457	Sr Proposal Manager	1,960.00	7.28	97,306.11	361.01	182.78	543.79
032020	CORP-Corporate Bus Development	50031723	Dir Business Development	2,080.00	23.30	182,960.07	2,049.19	1,037.53	3,086.72
032020	CORP-Corporate Bus Development	50034455	Proposal Manager	960.00	4.75	42,000.09	208.04	105.33	313.37
032020	CORP-Corporate Bus Development	50198748	Sr Mgr Corporate Dev	1,816.00	20.07	113,758.12	1,257.58	636.73	1,894.31
032020	CORP-Corporate Bus Development	50329829	Mgr Corp Development	2,080.00	23.30	97,806.75	1,096.09	554.96	1,651.05
032020	CORP-Corporate Bus Development	50455214	SVP Corp Business Development	2,080.00	23.30	279,999.20	3,135.60	1,587.59	4,723.19
032020	CORP-Corporate Bus Development	50493821	Specialist Sales Support	2,080.00	23.30	60,000.19	670.80	339.63	1,010.43
032020	CORP-Corporate Bus Development	50536415	Intern	280.00	3.04	3,920.00	42.55	21.54	64.09
032020 Total				14,976.00	145.51	982,254.15	\$9,934.02	\$5,029.70	\$14,963.72
032022	CORP-Government Affairs	18507512	Dir Govt Affairs (Corp)	2,080.00	40.60	151,971.43	2,965.88	1,501.65	4,467.53
032022 Total				2,080.00	40.60	151,971.43	\$2,965.88	\$1,501.65	\$4,467.53
032023	CORP-Eastern Division Ops	12000036	Exec Asst (N)	240.00	7.22	6,787.62	204.16	103.37	307.53
032023	CORP-Eastern Division Ops	12000052	SVP Eastern Division	2,080.00	46.36	256,747.83	5,717.18	2,894.67	8,611.85
032023 Total				2,320.00	53.57	263,535.45	\$5,921.34	\$2,998.04	\$8,919.38
032025	CORP-External Affairs	50302416	VP Communications	2,080.00	40.79	327,001.95	6,412.46	3,246.69	9,659.15
032025 Total				2,080.00	40.79	327,001.95	\$6,412.46	\$3,246.69	\$9,659.15
032026	CORP-Regulated Ops	50031364	President & COO Regulated Opns	1,120.00	25.09	257,884.11	5,776.11	2,924.50	8,700.61
032026	CORP-Regulated Ops	50031364	President Regulated Operations	960.00	21.56	207,692.39	4,664.30	2,361.58	7,025.88
032026 Total				2,080.00	46.65	465,576.50	\$10,440.41	\$5,286.08	\$15,726.49
032027	CORP-Reporting & Compliance	50048096	Analyst Project	120.00	2.46	4,112.70	84.30	42.68	126.98
032027	CORP-Reporting & Compliance	50048096	Exec Asst to EMT (N)	1,354.00	27.76	46,987.69	963.14	487.65	1,450.79
032027	CORP-Reporting & Compliance	50244430	Dir Internal Controls	2,080.00	42.75	161,097.00	3,311.69	1,676.74	4,988.43
032027	CORP-Reporting & Compliance	50316396	Mgr Internal Control IT	1,320.00	27.17	76,010.76	1,564.40	792.07	2,356.47
032027	CORP-Reporting & Compliance	50316396	Sr Mgr Compliance (Region)	760.00	15.58	46,167.14	946.20	479.07	1,425.27

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business	Unit	Home Business Unit Description	Employee #	Job Title	Hours Billed		Amount Billed		Overhead	Total Billed to TN
					Hours	to TN	Amount	to TN		
032027	CORP-Reporting & Compliance	50343550 Dir Financial Compliance			1,760.00	35.60	143,536.00	2,904.94	1,470.80	4,375.74
032027	CORP-Reporting & Compliance	50372978 Sr Mgr Compliance (Region)			1,520.00	129.70	88,038.40	7,513.18	3,804.00	11,317.18
032027	CORP-Reporting & Compliance	50383269 Sr Analyst Intrnl Cntl-Fin Rpt			2,080.00	42.75	80,698.80	1,657.80	839.36	2,497.16
032027	CORP-Reporting & Compliance	50398100 Sr Mgr Compliance (Region)			1,520.00	24.25	103,130.41	1,645.55	833.16	2,478.71
032027	CORP-Reporting & Compliance	50406143 Financial Analyst II (FP&A)			1,520.00	316.16	46,893.90	9,754.05	4,938.57	14,692.62
032027	CORP-Reporting & Compliance	50409428 Analyst Capital Cmpl (Region)			1,480.00	106.22	48,475.79	3,479.13	1,761.52	5,240.65
032027	CORP-Reporting & Compliance	50424629 Sr Analyst Intrnl Cntl-Fin Rpt			1,760.00	36.19	76,202.53	1,566.80	793.29	2,360.09
032027	CORP-Reporting & Compliance	50424629 Sr Mgr Compliance (Region)			320.00	4.02	15,384.69	193.10	97.77	290.87
032027	CORP-Reporting & Compliance	50425918 Analyst Intrl Ctrl Fnci Rptng			2,080.00	42.75	69,619.40	1,429.91	723.98	2,153.89
032027	CORP-Reporting & Compliance	50430854 Financial Analyst III (Region)			1,520.00	24.25	59,314.27	946.44	479.19	1,425.63
032027	CORP-Reporting & Compliance	50441512 Sr Analyst Intrnl Cntl-Fin Rpt			2,080.00	42.75	85,380.20	1,754.59	888.37	2,642.96
032027	CORP-Reporting & Compliance	50496510 Sr Analyst Internal Control IT			696.00	14.37	28,442.04	587.45	297.43	884.88
032027	CORP-Reporting & Compliance	50537459 Sr Analyst Internal Control IT			280.00	5.74	12,317.20	252.35	127.77	380.12
032027 Total					24,250.00	940.48	1,191,808.92	\$40,555.02	\$20,533.42	\$61,088.44
032028	CORP-ED Human Resources	12000101 Mgr Human Resources			400.00	85.00	18,462.91	3,923.35	1,986.43	5,909.78
032028	CORP-ED Human Resources	50279309 Regional Dir HR			2,080.00	183.32	145,987.50	12,864.70	6,513.53	19,378.23
032028	CORP-ED Human Resources	50417711 Mgr Human Resources			280.00	2.78	19,048.64	461.14	233.48	694.62
032028	CORP-ED Human Resources	50428152 Exec Asst (N)			2,140.30	183.39	48,815.94	4,169.72	2,111.17	6,280.89
032028 Total					4,900.30	454.49	232,314.99	\$21,418.91	\$10,844.61	\$32,263.52
032030	CORP-ITS Client Rel Admin	50043338 Dir Client Svcs Support ITS			2,078.00	40.34	148,035.60	2,875.09	1,455.69	4,330.78
032030 Total					2,078.00	40.34	148,035.60	\$2,875.09	\$1,455.69	\$4,330.78
032031	CORP-Service Desk	30000071 Spec Business App Supp ITS (N)			960.00	21.56	35,470.80	796.54	403.30	1,199.84
032031	CORP-Service Desk	3014656 Spec Business App Supp ITS (N)			976.00	21.92	43,268.30	971.54	491.90	1,463.44
032031	CORP-Service Desk	3018190 Specialist Client Supp I (N)			2,065.00	43.59	42,037.26	888.09	449.65	1,337.74
032031	CORP-Service Desk	18507504 Specialist Client Supp II (N)			2,085.00	44.76	69,620.63	1,495.30	757.09	2,252.39
032031	CORP-Service Desk	18507782 Specialist Client Supp II (N)			2,083.00	45.10	65,186.12	1,411.07	714.44	2,125.51
032031	CORP-Service Desk	50078247 Mgr Regional Client Rel ITS			2,080.00	35.27	111,032.13	1,884.20	953.99	2,838.19
032031	CORP-Service Desk	50085804 Specialist Client Supp II (N)			2,086.00	44.25	60,372.10	1,280.65	648.41	1,929.06
032031	CORP-Service Desk	50093089 Sr Analyst Business Reporting			2,016.00	45.21	75,204.38	1,685.23	853.25	2,538.48
032031	CORP-Service Desk	50296723 Specialist Client Supp I (N)			1,694.00	36.03	36,014.72	765.63	387.65	1,153.28
032031	CORP-Service Desk	50392608 Spec Business App Supp ITS (N)			964.00	21.31	29,631.39	655.46	331.87	987.33
032031	CORP-Service Desk	50444433 Specialist Client Supp I (N)			2,095.75	44.89	41,437.64	887.49	449.35	1,336.84
032031	CORP-Service Desk	50513023 Specialist Client Supp I (N)			1,401.00	30.82	30,310.66	667.33	337.88	1,005.21
032031 Total					20,505.75	434.72	639,586.13	\$13,388.53	\$6,778.78	\$20,167.31
032032	CORP-ITS-BAD-Core Shared	3018484 Sr Developer ITS (PA) (N)			1,440.00	25.25	62,784.45	1,106.06	560.01	1,666.07
032032	CORP-ITS-BAD-Core Shared	50079284 Lead Programmer Analyst ITS			360.00	8.06	17,796.15	398.70	201.87	600.57
032032	CORP-ITS-BAD-Core Shared	50079284 Team Lead IT Regional Supp (N)			1,720.00	38.58	84,483.56	1,895.10	959.51	2,854.61
032032	CORP-ITS-BAD-Core Shared	50301234 Analyst QA ITS			1,720.00	38.58	51,937.75	1,164.25	589.47	1,753.72
032032	CORP-ITS-BAD-Core Shared	50301234 Programmer Analyst ITS			360.00	8.06	11,016.90	246.60	124.86	371.46
032032	CORP-ITS-BAD-Core Shared	50344468 Lead Programmer Analyst ITS			360.00	7.71	16,700.40	357.83	181.17	539.00
032032	CORP-ITS-BAD-Core Shared	50344468 Team Lead Appl Dev ITS			1,728.00	36.87	79,103.20	1,687.22	854.26	2,541.48
032032	CORP-ITS-BAD-Core Shared	50371641 Sr Developer ITS (PA) (N)			1,716.00	36.35	67,246.62	1,424.73	721.36	2,146.09
032032	CORP-ITS-BAD-Core Shared	50371641 Sr Programmer Analyst ITS			360.00	7.66	14,153.11	301.18	152.49	453.67
032032	CORP-ITS-BAD-Core Shared	50411481 Lead Programmer Analyst ITS			1,360.00	21.35	69,460.50	1,090.11	551.93	1,642.04
032032	CORP-ITS-BAD-Core Shared	50411481 Lead Specialist Supp ITS (N)			400.00	7.34	19,845.89	365.84	185.23	551.07
032032	CORP-ITS-BAD-Core Shared	50411481 Web Master ITS			320.00	4.28	15,565.52	208.05	105.34	313.39
032032	CORP-ITS-BAD-Core Shared	50437053 Specialist Web Groupware ITS			1,720.00	38.58	80,145.91	1,797.76	912.02	2,707.98
032032	CORP-ITS-BAD-Core Shared	50437053 Sr Web Application Admin ITS			360.00	8.06	16,935.30	379.36	190.77	571.43
032032	CORP-ITS-BAD-Core Shared	50451155 Mgr Application Dev ITS			2,080.00	44.16	132,850.05	2,819.97	1,427.78	4,247.75
032032	CORP-ITS-BAD-Core Shared	50482529 Sr Developer ITS			1,720.00	38.58	62,646.77	1,405.50	711.62	2,117.12
032032	CORP-ITS-BAD-Core Shared	50482529 Sr Programmer Analyst ITS			304.00	6.81	11,918.00	267.02	135.19	402.21
032032	CORP-ITS-BAD-Core Shared	50511484 Sr Developer ITS			1,040.00	23.30	47,499.40	1,063.40	538.41	1,601.81
032032	CORP-ITS-BAD-Core Shared	50511484 Sr Web Application Admin ITS			360.00	8.06	16,442.10	368.10	186.37	554.47
032032	CORP-ITS-BAD-Core Shared	50527001 Sr Developer ITS			360.00	8.06	16,442.10	368.10	186.37	554.47
032032	CORP-ITS-BAD-Core Shared	50527001 Sr Programmer Analyst ITS			360.00	8.06	16,442.10	368.10	186.37	554.47
032032	CORP-ITS-BAD-Core Shared	50528654 Sr Developer ITS			360.00	8.06	16,442.10	368.10	186.37	554.47
032032	CORP-ITS-BAD-Core Shared	50528654 Sr Web Application Admin ITS			360.00	8.06	16,442.10	368.10	186.37	554.47
032032 Total					20,868.00	439.92	944,299.98	\$19,819.18	\$10,034.64	\$29,853.82
032033	Chg Ctrl & Desktop Automation	18613500 Mgr Appl Admin & Security ITS			2,080.00	40.86	103,017.41	2,023.38	1,024.46	3,047.84
032033	Chg Ctrl & Desktop Automation	50138216 Spec HP Openview Config ITS			2,080.00	44.77	65,931.80	1,417.60	717.75	2,135.35
032033 Total					4,160.00	85.63	168,949.21	\$3,440.98	\$1,742.21	\$5,183.19
032037	CORP-Investor Relations	3002235 VP Investor Relations			2,080.00	21.38	211,220.56	2,171.80	1,099.60	3,271.40
032037	CORP-Investor Relations	50404678 Mgr Investor Relations			2,080.00	21.38	99,995.54	1,027.34	520.15	1,547.49
032037 Total					4,160.00	42.75	311,216.10	\$3,199.14	\$1,619.75	\$4,818.89
032040	CORP-Business Transformation	50524921 Regulatory Counsel (Bus Trans)			800.00	7.87	67,308.00	662.40	335.38	997.78
032040	CORP-Business Transformation	50539416 Master Project Mgr PMO ITS			248.00	4.66	14,903.87	280.02	141.78	421.80
032040	CORP-Business Transformation	50546562 Master Project Mgr PMO ITS			40.00	0.90	2,548.10	57.10	28.91	86.01
032040 Total					1,088.00	13.43	84,759.97	\$999.52	\$506.07	\$1,505.59
032047	CORP-Income Tax	3000201 Sr Accountant Tax			1,712.00	31.16	81,916.19	1,503.21	761.09	2,264.30
032047	CORP-Income Tax	3017934 Sr Accountant Tax			2,080.00	46.65	90,309.39	2,025.99	1,025.78	3,051.77
032047	CORP-Income Tax	50302535 Sr Accountant Tax			1,880.00	42.17	80,380.05	1,802.47	912.61	2,715.08
032047	CORP-Income Tax	50342449 Sr Accountant Tax			1,880.00	42.17	68,799.91	1,542.81	781.14	2,323.95
032047	CORP-Income Tax	50342549 Dir Tax			1,880.00	42.17	170,416.82	3,821.82	1,935.03	5,756.85
032047	CORP-Income Tax	50362641 Intmd Accountant Tax			1,880.00	42.17	74,519.04	1,671.86	846.48	2,518.34
032047	CORP-Income Tax	50363548 Specialist Income Tax (N)			2,122.75	47.61	50,344.44	1,128.97	571.61	1,700.58
032047	CORP-Income Tax	50366973 Team Lead Tax Compliance			1,880.00	42.17	111,776.04	2,507.85	1,269.75	3,777.60
032047	CORP-Income Tax	50366975 Sr Accountant Tax			2,080.00	46.65	90,852.56	2,037.63	1,031.67	3,069.30
032047	CORP-Income Tax	50399167 Sr Accountant Tax			1,880.00	42.17	77,243.50	1,732.60	877.23	2,609.83
032047	CORP-Income Tax	50405205 Team Lead Tax Regltry Acctng			2,080.00	46.65	108,999.60	2,445.60	1,238.23	3,683.83
032047	CORP-Income Tax	50405291 Sr Accountant Tax			1,760.00	39.45	76,820.20	1,721.89	871.81	2,593.70
032047	CORP-Income Tax	50434673 Intmd Accountant Tax			2,080.00	46.65	55,965.60	1,254.71	635.27	1,889.98
032047	CORP-Income Tax	50442588 Accountant Tax (N)			1,889.00	42.37	49,172.12	1,102.99	558.45	1,661.44
032047	CORP-Income Tax	50443021 Team Lead Tax Regltry Acctng			720.00	16.18	32,005.70	719.20	364.14	1,083.34
032047	CORP-Income Tax	50471486 Sr Accountant Tax			1,880.00	42.17	64,447.15	1,445.55	731.90	2,177.45
032047	CORP-Income Tax	50513036 Mgr Tax - Income			1,176.00	26.34	80,350.86	1,799.75	911.23	2,710.98
032047	CORP-Income Tax	50543703 Dir Tax			120.00	2.69	10,673.10	239.10	121.06	360.16

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business				Hours Billed		Amount Billed		Total Billed to	
Unit	Home Business Unit Description	Employee #	Job Title	Hours	to TN	Amount	to TN	Overhead	TN
032047	Total			30,979.75	687.57	1,374,992.27	\$30,504.00	\$15,444.48	\$45,948.48
032048	CORP-HR Health & Wellness	50502444	Mgr Health & Wellness	1,360.00	26.93	63,651.40	1,259.70	637.80	1,897.50
032048	Total			1,360.00	26.93	63,651.40	\$1,259.70	\$637.80	\$1,897.50
032051	CORP-Bsns Trans-Procure To Pay	50142995	Mgr Procurement	1,760.00	32.13	79,383.66	1,447.26	732.76	2,180.02
032051	CORP-Bsns Trans-Procure To Pay	50142995	Mgr Procurement Opns	320.00	7.17	16,024.73	358.86	181.69	540.55
032051	CORP-Bsns Trans-Procure To Pay	50539416	Master Project Mgr PMO ITS	40.00	1.43	2,403.85	86.16	43.62	129.78
032051	Total			2,120.00	40.73	97,812.24	\$1,892.28	\$958.07	\$2,850.35
032052	CORP-Bsns Trans-Recruit To Ret	50216176	Dir HR	2,080.00	40.02	147,384.59	2,832.30	1,434.02	4,266.32
032052	Total			2,080.00	40.02	147,384.59	\$2,832.30	\$1,434.02	\$4,266.32
032053	CORP-Bsns Trans-Record To Rpt	50325156	Dir Financial Services	2,080.00	39.30	156,450.88	2,952.84	1,495.05	4,447.89
032053	Total			2,080.00	39.30	156,450.88	\$2,952.84	\$1,495.05	\$4,447.89
032054	CORP-Bsns Trans-Order To Cash	3016678	Mgr Billing & Collections	2,096.00	39.66	88,909.92	1,695.95	858.68	2,554.63
032054	Total			2,096.00	39.66	88,909.92	\$1,695.95	\$858.68	\$2,554.63
032055	CORP-Bsns Trans-Plan, Bld, Ret	50166427	Mgr Engineering	2,080.00	39.30	106,782.79	2,014.73	1,020.08	3,034.81
032055	Total			2,080.00	39.30	106,782.79	\$2,014.73	\$1,020.08	\$3,034.81
032056	CORP-Bsns Trans-Ord To Compl	18722108	Dir Cust & Oper Support	2,080.00	39.30	177,877.98	3,357.40	1,699.89	5,057.29
032056	Total			2,080.00	39.30	177,877.98	\$3,357.40	\$1,699.89	\$5,057.29
032057	CORP-Treasury	3000003	Mgr Financial Modeling & Evls	560.00	11.66	36,348.20	757.15	383.35	1,140.50
032057	CORP-Treasury	3002435	Sr Analyst Cash Management	920.00	18.97	26,067.75	537.04	271.91	808.95
032057	CORP-Treasury	3012250	Sr Analyst Cash Management	2,080.00	24.26	73,528.55	856.81	433.81	1,290.62
032057	CORP-Treasury	3016028	Dir Insurance & Risk Mgt	2,080.00	32.06	133,724.78	2,060.95	1,043.48	3,104.43
032057	CORP-Treasury	3017514	Sr Analyst Cash Management	2,080.00	9.62	67,774.96	312.62	158.28	470.90
032057	CORP-Treasury	18504602	Mgr Treasury Services	640.00	9.52	33,791.02	502.76	254.55	757.31
032057	CORP-Treasury	18504602	Princ Analyst Treasury Svcs	1,440.00	25.84	75,665.07	1,357.52	687.33	2,044.85
032057	CORP-Treasury	50074146	Mgr Cash - Corp Treas	2,080.00	29.37	92,984.58	1,312.90	664.73	1,977.63
032057	CORP-Treasury	50164869	Sr Mgr Fin Eval & Analysis	1,840.00	14.59	116,832.57	932.85	472.31	1,405.16
032057	CORP-Treasury	50180242	VP & Treasurer	1,800.00	38.16	194,710.54	4,126.98	2,089.53	6,216.51
032057	CORP-Treasury	50295373	Dir FP&A (Corp)	920.00	18.82	65,477.49	1,339.20	678.05	2,017.25
032057	CORP-Treasury	50295373	Mgr Business Planning	1,160.00	23.85	66,100.42	1,358.72	687.93	2,046.65
032057	CORP-Treasury	50297652	Mgr Financial Eval & Analysis	2,080.00	43.63	99,375.49	2,084.34	1,055.32	3,139.66
032057	CORP-Treasury	50305142	Sr Analyst Risk Mgmt	2,080.00	42.75	102,040.33	2,098.17	1,062.32	3,160.49
032057	CORP-Treasury	50344466	Analyst Cash Management	1,840.00	36.16	47,372.64	930.49	471.12	1,401.61
032057	CORP-Treasury	50344466	Analyst Treasury Services	240.00	3.94	10,250.59	181.02	91.65	272.67
032057	CORP-Treasury	50393897	Mgr Project Finance (BD)	1,360.00	103.01	63,240.00	4,790.34	2,425.40	7,215.74
032057	CORP-Treasury	50455187	Asst Treasurer	2,080.00	34.37	144,438.69	2,385.98	1,208.05	3,594.03
032057	CORP-Treasury	50456146	Sr Analyst Financial	1,080.00	12.30	50,758.93	605.27	306.45	911.72
032057	Total			28,360.00	532.89	1,500,482.60	\$28,531.11	\$14,445.57	\$42,976.68
032060	CORP-Audit	50171199	Sr Internal Auditor	2,080.00	34.48	92,210.62	1,525.56	772.41	2,297.97
032060	CORP-Audit	50269681	Sr Internal Auditor IT	2,080.00	37.96	88,867.09	1,620.00	820.22	2,440.22
032060	CORP-Audit	50295540	Internal Auditor IT	600.00	12.41	20,105.65	415.77	210.51	626.28
032060	CORP-Audit	50295540	Sr Internal Auditor IT	1,480.00	25.21	54,192.02	923.68	467.67	1,391.35
032060	CORP-Audit	50310460	Sr Internal Auditor	2,080.00	71.98	93,143.13	3,233.14	1,636.97	4,870.11
032060	CORP-Audit	50401268	Mgr Internal Audit	2,080.00	42.20	136,197.29	2,763.72	1,399.30	4,163.02
032060	CORP-Audit	50425759	Sr Internal Auditor IT	2,080.00	41.10	83,916.66	1,657.71	839.32	2,497.03
032060	CORP-Audit	50449162	Sr Internal Auditor IT	558.00	11.55	21,997.78	455.43	230.59	686.02
032060	CORP-Audit	50465100	VP Internal Audit	2,080.00	78.38	193,471.48	7,313.06	3,702.68	11,015.74
032060	CORP-Audit	50483398	Mgr Internal Audit	2,080.00	50.28	128,996.40	3,118.26	1,578.81	4,697.07
032060	CORP-Audit	50493803	Exec Asst (N)	2,085.00	18.72	51,678.76	450.20	227.94	678.14
032060	Total			19,283.00	424.27	964,776.88	\$23,476.53	\$11,886.42	\$35,362.95
032064	CORP-Operational Performance	17000087	Mgr O&M	560.00	12.92	32,445.51	748.03	378.74	1,126.77
032064	CORP-Operational Performance	18505461	Mgr O&M	320.00	5.63	15,244.10	267.98	135.68	403.66
032064	CORP-Operational Performance	18506085	Mgr O&M	560.00	12.56	31,655.35	709.38	359.17	1,068.55
032064	CORP-Operational Performance	24007290	Dir Process & Systems Mgmt	640.00	13.13	50,883.89	1,043.89	528.53	1,572.42
032064	Total			2,080.00	44.23	130,228.85	\$2,769.28	\$1,402.12	\$4,171.40
032065	CORP-Asset Management	3000370	Mgr Engineering	2,080.00	38.89	127,118.50	2,377.09	1,203.54	3,580.63
032065	CORP-Asset Management	3000821	Sr Dir Engineering (Corp)	2,080.00	42.96	166,696.22	3,441.80	1,742.62	5,184.42
032065	CORP-Asset Management	3001286	Mgr Eng-Enterprise Capital Prg	2,080.00	36.31	121,826.52	2,123.33	1,075.06	3,198.39
032065	CORP-Asset Management	50028816	Project Mgr Engr	2,080.00	24.34	73,242.75	858.78	434.81	1,293.59
032065	CORP-Asset Management	50089917	Specialist Engrg (N)	1,560.00	34.95	36,899.86	826.90	418.67	1,245.57
032065	CORP-Asset Management	50290616	Administrator Capital Program	1,120.00	24.58	33,034.41	724.61	366.88	1,091.49
032065	CORP-Asset Management	50290616	Administrator Captl Prgm	960.00	21.50	28,615.20	640.80	324.44	965.24
032065	CORP-Asset Management	50296589	Sr Project Mgr GIS	2,080.00	28.38	96,535.08	1,321.07	668.87	1,989.94
032065	CORP-Asset Management	50297664	Administrator Capital Program	680.00	15.24	20,127.10	451.09	228.39	679.48
032065	CORP-Asset Management	50297664	Administrator Captl Prgm	960.00	21.50	28,569.60	639.65	323.86	963.51
032065	CORP-Asset Management	50344460	Engr Planning	2,080.00	24.91	81,960.51	982.70	497.55	1,480.25
032065	CORP-Asset Management	50415566	Sr Engr Planning	2,080.00	9.51	93,407.91	427.65	216.52	644.17
032065	CORP-Asset Management	50420131	Engineer	2,080.00	19.87	56,949.97	543.05	274.95	818.00
032065	CORP-Asset Management	50422219	Engineer	1,880.00	11.50	50,644.74	309.70	156.80	466.50
032065	CORP-Asset Management	50424631	Project Mgr Captl Prgm	2,080.00	40.86	74,096.27	1,454.66	736.51	2,191.17
032065	CORP-Asset Management	50478576	Intern (N)	345.00	1.11	6,210.00	19.99	10.12	30.11
032065	CORP-Asset Management	50482425	Engineer	2,080.00	13.55	54,803.51	357.62	181.07	538.69
032065	CORP-Asset Management	50491512	Intern	871.50	9.60	15,687.00	173.02	87.60	260.62
032065	CORP-Asset Management	50512224	Intern (N)	453.00	8.87	7,927.50	155.41	78.69	234.10
032065	CORP-Asset Management	50526584	Intern	448.00	5.38	8,064.00	96.87	49.05	145.92
032065	Total			30,077.50	433.82	1,182,416.65	\$17,925.79	\$9,076.00	\$27,001.79
032066	CORP-Innov & Env Stewardship	3000047	Dir Res & Environ Excellence	2,080.00	44.61	163,140.19	3,498.32	1,771.23	5,269.55
032066	CORP-Innov & Env Stewardship	3016148	Sr Scientist Environmental	2,080.00	47.98	96,372.54	2,222.65	1,125.35	3,348.00
032066	CORP-Innov & Env Stewardship	90065556	Environ Auditor/Scientist	2,080.00	25.03	81,865.73	985.30	498.87	1,484.17
032066	CORP-Innov & Env Stewardship	50168889	Practice Lead Water Infrastruc	2,080.00	47.53	119,388.56	2,728.64	1,381.54	4,110.18
032066	CORP-Innov & Env Stewardship	50194935	Techl Mgr Commercial WW Proj	2,080.00	12.58	128,920.51	779.89	394.87	1,174.76
032066	CORP-Innov & Env Stewardship	50196563	Sr Analyst Research	2,080.00	48.75	53,013.66	1,242.37	629.02	1,871.39
032066	CORP-Innov & Env Stewardship	50198714	Mgr Environ Compliance/Stwdshp	2,080.00	46.33	104,143.48	2,319.15	1,174.21	3,493.36
032066	CORP-Innov & Env Stewardship	50201159	Sr Engr Environmental	2,080.00	46.82	110,956.16	2,496.25	1,263.88	3,760.13
032066	CORP-Innov & Env Stewardship	50245580	Engr Environmental	2,080.00	42.52	90,003.73	1,840.02	931.62	2,771.64
032066	CORP-Innov & Env Stewardship	50295539	Scientist Environmental	920.00	21.33	32,951.92	763.72	386.68	1,150.40
032066	CORP-Innov & Env Stewardship	50295539	Sr Analyst Research	1,160.00	25.88	38,174.02	851.68	431.21	1,282.89

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount Billed to TN	Amount Billed to TN	Overhead	Total Billed to TN
032066	CORP-Innov & Env Stewardship	50318719	Engr Environmental	2,080.00	24.89	81,706.92	978.21	495.28	1,473.49
032066	CORP-Innov & Env Stewardship	50355320	Intern	465.00	10.50	6,975.00	157.52	79.75	237.27
032066	CORP-Innov & Env Stewardship	50375601	Environ Auditor/Scientist	2,080.00	30.34	68,366.91	996.80	504.69	1,501.49
032066	CORP-Innov & Env Stewardship	50395077	Analyst Research	2,072.00	7.04	57,214.39	194.60	98.53	293.13
032066	CORP-Innov & Env Stewardship	50404178	Specialist Water Quality	840.00	11.56	19,183.47	263.85	133.59	397.44
032066	CORP-Innov & Env Stewardship	50404178	Water Quality Technician (N)	1,240.00	9.87	25,839.07	204.35	103.46	307.81
032066	CORP-Innov & Env Stewardship	50482423	Engr Environmental	2,080.00	34.12	76,381.54	1,252.27	634.04	1,886.31
032066	CORP-Innov & Env Stewardship	50490764	Intern	501.00	11.44	7,515.00	171.65	86.91	258.56
032066	CORP-Innov & Env Stewardship	50519031	Intern	798.50	17.90	11,977.50	268.66	136.03	404.69
032066 Total				32,956.50	567.02	1,374,090.30	\$24,215.90	\$12,260.76	\$36,476.66
032068	CORP-Marketing	50318715	Dir Advertising & Marketing	2,080.00	41.03	144,792.20	2,855.21	1,445.62	4,300.83
032068	CORP-Marketing	50324050	Mgr Advertising	2,080.00	40.91	94,945.56	1,867.18	945.37	2,812.55
032068	CORP-Marketing	50325170	Brand Manager	1,800.00	35.52	84,129.18	1,660.06	840.50	2,500.56
032068	CORP-Marketing	50325933	Marketing Assistant (N)	1,040.00	20.54	17,939.88	354.91	179.69	534.60
032068	CORP-Marketing	50381111	Specialist Corporate Comm	1,680.00	33.15	53,197.22	1,049.98	531.62	1,581.60
032068	CORP-Marketing	50394053	Mgr Cust Comm (State)	2,080.00	46.65	83,755.80	1,878.50	951.10	2,829.60
032068	CORP-Marketing	50395995	Mgr Cust Comm Resource	480.00	8.85	20,758.80	382.85	193.84	576.69
032068	CORP-Marketing	50525668	Coordinator Marketing (N)	800.00	15.76	18,076.98	356.00	180.25	536.25
032068	CORP-Marketing	50536212	Specialist Corporate Comm	432.00	8.51	10,384.20	204.65	103.62	308.27
032068	CORP-Marketing	50540702	Brand Manager	200.00	3.94	6,870.25	135.25	68.48	203.73
032068 Total				12,672.00	254.87	\$34,850.07	\$10,744.59	\$5,440.09	\$16,184.68
032069	CORP-Regulatory UFS	3003459	VP & Counsel Reg Prgrms	2,080.00	43.75	187,923.48	3,952.94	2,001.41	5,954.35
032069	CORP-Regulatory UFS	50302498	Analyst Project	1,800.00	9.88	42,338.76	229.87	116.39	346.26
032069 Total				3,880.00	53.64	230,262.24	\$4,182.81	\$2,117.80	\$6,300.61
032071	CORP-ITS Admin	50387627	CIO & VP ITS	2,080.00	38.47	235,001.00	4,346.67	2,200.76	6,547.43
032071	CORP-ITS Admin	50471511	Sr Analyst Financial	2,080.00	49.36	79,906.32	1,897.74	960.84	2,858.58
032071 Total				4,160.00	87.83	\$314,907.32	\$6,244.41	\$3,161.60	\$9,406.01
032072	CORP-ITS PMO	3015388	Project Mgr ITS	1,200.00	16.35	53,449.11	728.35	368.77	1,097.12
032072	CORP-ITS PMO	18505824	Sr Project Mgr ITS	2,080.00	31.31	148,842.08	2,239.50	1,133.88	3,373.38
032072	CORP-ITS PMO	50086863	Project Mgr ITS	2,080.00	14.21	97,994.75	669.21	338.83	1,008.04
032072	CORP-ITS PMO	50220130	Dir PMO ITS	2,080.00	7.90	145,602.00	551.42	279.19	830.61
032072	CORP-ITS PMO	50233802	Sr Analyst PMO ITS	2,080.00	4.85	97,205.76	225.90	114.38	340.28
032072	CORP-ITS PMO	50249958	Project Mgr ITS	680.00	7.48	32,552.65	370.76	187.72	558.48
032072	CORP-ITS PMO	50325856	Project Mgr ITS	480.00	10.75	16,488.60	369.60	187.13	556.73
032072	CORP-ITS PMO	50407245	Project Mgr ITS	2,080.00	15.56	108,151.23	808.86	409.53	1,218.39
032072	CORP-ITS PMO	50407315	Project Mgr ITS	2,076.00	29.91	107,942.42	1,555.30	787.46	2,342.76
032072	CORP-ITS PMO	50431025	Exec Secretary (N)	1,760.00	39.48	37,097.26	832.39	421.45	1,253.84
032072	CORP-ITS PMO	50437062	Master Project Mgr PMO ITS	1,200.00	15.03	65,423.22	819.35	414.85	1,234.20
032072	CORP-ITS PMO	50437062	Project Mgr ITS	880.00	19.07	43,076.99	932.81	472.29	1,405.10
032072	CORP-ITS PMO	50489528	Master Project Mgr PMO ITS	2,080.00	23.96	140,000.33	1,612.67	816.51	2,429.18
032072	CORP-ITS PMO	50491612	Career Level Project Mgr ITS	1,000.00	8.25	47,499.83	376.57	190.66	567.23
032072	CORP-ITS PMO	50526976	Career Level Project Mgr ITS	800.00	7.88	39,615.13	390.24	197.58	587.82
032072	CORP-ITS PMO	50531059	Master Project Mgr PMO ITS	600.00	5.31	34,038.75	301.27	152.54	453.81
032072 Total				23,156.00	257.30	1,214,980.11	\$12,784.20	\$6,472.77	\$19,256.97
032073	CORP-ITS Infra/Oper Admin	3014575	Exec Secretary (N)	2,080.00	42.53	46,733.73	955.60	483.83	1,439.43
032073	CORP-ITS Infra/Oper Admin	18504493	Dir Infrastructure & Opns ITS	2,080.00	38.39	152,178.80	2,808.30	1,421.87	4,230.17
032073	CORP-ITS Infra/Oper Admin	50502028	Enterprise Infra Eng ITS	1,760.00	36.50	101,538.21	2,106.03	1,066.30	3,172.33
032073 Total				5,920.00	117.43	\$300,450.74	\$5,869.93	\$2,972.00	\$8,841.93
032074	CORP-ITS Production	3000188	Mgr Production ITS	240.00	3.46	11,695.80	168.55	85.34	253.89
032074	CORP-ITS Production	3000195	Supvr Computer Opns ITS	1,880.00	37.72	62,204.50	1,248.22	631.99	1,880.21
032074	CORP-ITS Production	3000195	Team Lead Computer Oper ITS	200.00	4.10	6,225.50	127.66	64.64	192.30
032074	CORP-ITS Production	3003220	Sr Computer Operator ITS (N)	2,099.50	46.40	44,951.57	993.54	503.04	1,496.58
032074	CORP-ITS Production	3015077	Lead Computer Operator ITS (N)	2,083.00	40.50	57,554.34	1,119.07	566.60	1,685.67
032074	CORP-ITS Production	24007293	Lead Computer Operator ITS (N)	361.50	8.13	10,294.38	231.68	117.30	348.98
032074	CORP-ITS Production	24007293	Specialist Correspondence ITS (N)	1,721.50	38.58	49,407.77	1,107.93	560.96	1,668.89
032074	CORP-ITS Production	50011669	Sr Computer Operator ITS (N)	2,122.00	47.02	54,941.66	1,218.18	616.78	1,834.96
032074	CORP-ITS Production	50114015	Sr Computer Operator ITS (N)	2,091.00	46.32	41,544.70	920.70	466.16	1,386.86
032074	CORP-ITS Production	50114048	Computer Operator ITS (N)	2,086.00	46.21	33,439.32	740.75	375.05	1,115.80
032074	CORP-ITS Production	50490243	Computer Operator ITS (N)	2,104.00	46.61	41,174.74	912.28	461.90	1,374.18
032074 Total				16,988.50	365.07	\$413,434.28	\$8,788.56	\$4,449.76	\$13,238.32
032075	CORP-Enterprise Server	3016296	Spec Midrange Server ITS (N)	2,085.00	46.76	85,091.85	1,907.77	965.92	2,873.69
032075	CORP-Enterprise Server	3016884	Spec Network Servr AIX ITS (N)	2,083.25	46.00	88,422.08	1,952.40	988.52	2,940.92
032075	CORP-Enterprise Server	18553746	Spec Midrange Server ITS (N)	2,085.75	46.78	74,214.50	1,665.09	843.05	2,508.14
032075	CORP-Enterprise Server	24018333	Team Lead IT Regional Supp (N)	2,096.50	42.37	76,711.31	1,549.53	784.54	2,334.07
032075	CORP-Enterprise Server	50015337	Spec Business App Supp ITS (N)	2,084.75	45.84	82,684.76	1,817.16	920.05	2,737.21
032075	CORP-Enterprise Server	50131871	Team Lead Domino Admin ITS (N)	2,078.00	43.89	89,773.10	1,895.07	959.49	2,854.56
032075	CORP-Enterprise Server	50271912	Spec Network Servr AIX ITS (N)	2,080.00	42.26	107,382.32	2,184.16	1,105.86	3,290.02
032075	CORP-Enterprise Server	50319759	Spec Network Servr AIX ITS (N)	2,098.50	43.88	105,966.50	2,218.15	1,123.07	3,341.22
032075	CORP-Enterprise Server	50332087	Spec Network Servr AIX ITS (N)	2,083.75	39.98	85,261.69	1,635.48	828.06	2,463.54
032075	CORP-Enterprise Server	50338076	Spec Middleware Supp-Citrix(N)	2,083.00	41.72	84,475.48	1,690.84	856.09	2,546.93
032075	CORP-Enterprise Server	50369105	Spec Business App Supp ITS (N)	2,080.00	46.07	80,810.95	1,789.39	905.99	2,695.38
032075	CORP-Enterprise Server	50395986	Spec Middleware Supp ITS (N)	2,104.75	45.37	87,333.94	1,882.20	952.98	2,835.18
032075	CORP-Enterprise Server	50395989	Lead Specialist Supp ITS (N)	2,104.00	46.04	97,040.70	2,123.24	1,075.02	3,198.26
032075	CORP-Enterprise Server	50418920	Database Administrator ITS (N)	1,664.00	37.29	75,359.48	1,689.40	855.36	2,544.76
032075	CORP-Enterprise Server	50428167	Database Administrator ITS (N)	2,086.50	46.08	88,038.54	1,944.27	984.40	2,928.67
032075	CORP-Enterprise Server	50443204	Spec Network Servr AIX ITS (N)	720.00	15.89	27,754.32	612.34	310.03	922.37
032075	CORP-Enterprise Server	50475608	Spec Network Servr AIX ITS (N)	2,104.25	42.35	86,985.96	1,749.87	885.98	2,635.85
032075	CORP-Enterprise Server	50476653	Database Administrator ITS (N)	2,084.00	46.56	85,873.31	1,919.28	971.75	2,891.03
032075	CORP-Enterprise Server	50498439	Mgr Syst Maint & Perf ITS	1,840.00	30.96	110,577.07	1,860.85	942.17	2,803.02
032075	CORP-Enterprise Server	50527002	Spec Network Servr AIX ITS (N)	720.00	16.13	25,442.98	569.75	288.47	858.22
032075 Total				38,366.00	812.20	1,645,200.84	\$34,656.24	\$17,546.80	\$52,203.04
032076	CORP-Communications	3016462	Lead Specialist Supp ITS (N)	2,100.00	44.78	96,749.40	2,063.07	1,044.55	3,107.62
032076	CORP-Communications	50178396	Voice Administrator ITS (N)	2,101.00	45.41	77,502.43	1,676.41	848.78	2,525.19
032076	CORP-Communications	50424794	Voice Administrator ITS (N)	2,097.00	43.34	86,377.39	1,787.66	905.11	2,692.77
032076	CORP-Communications	50435619	Mgr Telecomm ITS	2,080.00	35.39	101,096.87	1,720.38	871.05	2,591.43
032076	CORP-Communications	50498439	Mgr Syst Maint & Perf ITS	80.00	1.80	4,807.70	108.20	54.78	162.98

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032076 Total				8,458.00	170.72	366,533.79	\$7,355.72	\$3,724.27	\$11,079.99
032077	CORP-ITS Security Operations	3003254	Sr Specialist Network Security	2,080.00	43.02	81,413.63	1,687.19	854.24	2,541.43
032077	CORP-ITS Security Operations	3003460	Sr Spec Computer Supp ITS (N)	2,023.00	38.02	71,143.46	1,337.38	677.13	2,014.51
032077	CORP-ITS Security Operations	18674530	Sr Specialist Network Security	2,080.00	41.56	87,237.87	1,743.64	882.82	2,626.46
032077	CORP-ITS Security Operations	50085664	Sr Specialist Network Security	2,080.00	43.01	75,818.11	1,569.47	794.64	2,364.11
032077	CORP-ITS Security Operations	50392608	Spec Business App Supp ITS (N)	1,120.00	25.09	35,696.02	799.44	404.76	1,204.20
032077	CORP-ITS Security Operations	50415708	Lead Specialist Support ITS	2,080.00	42.48	87,534.82	1,787.74	905.15	2,692.89
032077	CORP-ITS Security Operations	50417707	Sr Specialist Network Security	2,080.00	40.50	81,530.10	1,588.06	804.05	2,392.11
032077	CORP-ITS Security Operations	50477607	Sr Analyst Security ITS	2,080.00	45.55	69,999.82	1,532.83	776.09	2,308.92
032077	CORP-ITS Security Operations	50482366	Mgr Appl Admin & Security ITS	2,080.00	40.72	123,507.36	2,419.87	1,225.20	3,645.07
032077 Total				17,703.00	359.94	713,881.19	\$14,465.62	\$7,324.08	\$21,789.70
032078	CORP-ITS Adm Business Appl Dev	18502615	Mgr Business Development ITS	1,720.00	37.98	93,021.91	2,054.35	1,040.14	3,094.49
032078	CORP-ITS Adm Business Appl Dev	18502615	Sr Business Rltnshp Anlyst ITS	360.00	8.06	19,563.79	438.30	221.92	660.22
032078	CORP-ITS Adm Business Appl Dev	50064428	Mgr Technical JDE (ITS)	1,720.00	34.71	104,109.44	2,099.16	1,062.83	3,161.99
032078	CORP-ITS Adm Business Appl Dev	50064428	Sr Technical Architect ITS	360.00	5.91	22,133.51	363.62	184.10	547.72
032078	CORP-ITS Adm Business Appl Dev	50412396	Dir Core Business Systems ITS	2,080.00	35.32	180,972.00	3,072.85	1,555.81	4,628.66
032078	CORP-ITS Adm Business Appl Dev	50438051	Mgr Process Design ITS	280.00	6.27	12,903.10	289.10	146.37	435.47
032078	CORP-ITS Adm Business Appl Dev	50438051	Sr Business Rltnshp Anlyst ITS	400.00	8.96	20,276.00	454.00	229.86	683.86
032078 Total				6,920.00	137.22	452,979.75	\$8,771.38	\$4,441.03	\$13,212.41
032079	CORP-ITS-BAD-Middle Office App	3000198	Programmer Analyst ITS	360.00	7.80	12,701.64	275.15	139.31	414.46
032079	CORP-ITS-BAD-Middle Office App	3000198	Spec Business App Supp ITS (N)	320.00	7.17	11,290.40	252.80	128.00	380.80
032079	CORP-ITS-BAD-Middle Office App	3002902	Lead Programmer Analyst ITS	360.00	6.97	18,067.43	349.69	177.05	526.74
032079	CORP-ITS-BAD-Middle Office App	3002902	Team Lead Appl Dev ITS	1,720.00	33.28	85,240.90	1,654.28	837.58	2,491.86
032079	CORP-ITS-BAD-Middle Office App	3015900	Mgr Application Dev ITS	2,080.00	42.87	127,762.08	2,636.05	1,334.66	3,970.71
032079	CORP-ITS-BAD-Middle Office App	3017323	Sr Developer ITS (PA) (N)	1,105.00	23.26	42,130.67	886.54	448.86	1,335.40
032079	CORP-ITS-BAD-Middle Office App	3018192	Analyst Business ITS (PA) (N)	1,104.00	22.97	31,775.59	662.93	335.65	998.58
032079	CORP-ITS-BAD-Middle Office App	3018483	Sr Developer ITS (PA) (N)	1,104.75	13.41	47,936.96	593.77	300.63	894.40
032079	CORP-ITS-BAD-Middle Office App	3018484	Sr Developer ITS (PA) (N)	280.00	6.23	12,348.00	274.53	139.00	413.53
032079	CORP-ITS-BAD-Middle Office App	3018484	Sr Programmer Analyst ITS	360.00	8.06	15,876.00	355.50	179.99	535.49
032079	CORP-ITS-BAD-Middle Office App	12000085	Sr Analyst Business Reporting	1,120.00	26.09	47,889.38	1,103.80	558.86	1,662.66
032079	CORP-ITS-BAD-Middle Office App	18507926	Spec Business App Supp ITS	984.00	11.17	33,461.38	394.74	199.86	594.60
032079	CORP-ITS-BAD-Middle Office App	24007267	Analyst Business ITS (PA) (N)	546.50	8.36	16,373.14	250.42	126.79	377.21
032079	CORP-ITS-BAD-Middle Office App	28007851	Team Lead Reporting ITS	1,322.00	23.98	61,499.83	1,114.82	564.44	1,679.26
032079	CORP-ITS-BAD-Middle Office App	50090814	Spec Business App Supp ITS	960.00	13.18	39,369.60	540.59	273.71	814.30
032079	CORP-ITS-BAD-Middle Office App	50090814	Sr Developer ITS (PA) (N)	144.00	2.28	8,858.17	159.84	80.93	240.77
032079	CORP-ITS-BAD-Middle Office App	50095946	Sr Developer ITS (PA) (N)	1,684.00	21.27	74,637.69	943.68	477.79	1,421.47
032079	CORP-ITS-BAD-Middle Office App	50095946	Sr Programmer Analyst ITS	400.00	5.25	17,842.33	234.42	118.69	353.11
032079	CORP-ITS-BAD-Middle Office App	50140811	Sr Developer ITS (PA) (N)	1,733.00	29.37	67,350.76	1,147.20	580.84	1,728.04
032079	CORP-ITS-BAD-Middle Office App	50140811	Sr Programmer Analyst ITS	360.00	7.88	14,025.60	307.12	155.50	462.62
032079	CORP-ITS-BAD-Middle Office App	50270557	Lead Programmer Analyst ITS	400.00	6.63	18,664.00	309.35	156.63	465.98
032079	CORP-ITS-BAD-Middle Office App	50270557	Sr Developer ITS (PA) (N)	1,683.00	37.12	70,972.39	1,561.01	790.35	2,351.36
032079	CORP-ITS-BAD-Middle Office App	50528653	Sr Developer ITS	360.00	8.06	13,846.50	310.05	156.98	467.03
032079	CORP-ITS-BAD-Middle Office App	50528653	Sr Programmer Analyst ITS	360.00	7.59	13,846.47	291.98	147.83	439.81
032079 Total				20,850.25	380.26	903,766.91	\$16,610.26	\$8,409.93	\$25,020.19
032080	CORP-ITS-BAD-Back Office Apps	3000071	Spec Business App Supp ITS (N)	800.00	17.92	29,559.02	662.02	335.19	997.21
032080	CORP-ITS-BAD-Back Office Apps	3000071	Sr Programmer Analyst ITS	320.00	7.17	11,823.60	264.80	134.07	398.87
032080	CORP-ITS-BAD-Back Office Apps	18507441	Lead Programmer Analyst ITS	320.00	7.17	14,288.40	320.00	162.02	482.02
032080	CORP-ITS-BAD-Back Office Apps	18507441	Team Lead JDE (ITS)	1,760.00	39.48	78,096.19	1,751.60	886.85	2,638.45
032080	CORP-ITS-BAD-Back Office Apps	50085706	Spec Business App Supp ITS	1,760.00	39.41	77,802.90	1,742.64	882.32	2,624.96
032080	CORP-ITS-BAD-Back Office Apps	50085706	Sr Programmer Analyst ITS	320.00	7.17	14,212.80	318.40	161.21	479.61
032080	CORP-ITS-BAD-Back Office Apps	50145186	Spec Business App Supp ITS	1,720.00	27.72	70,152.20	1,130.40	572.33	1,702.73
032080	CORP-ITS-BAD-Back Office Apps	50145186	Sr Programmer Analyst ITS	360.00	1.66	14,683.02	67.58	34.22	101.80
032080	CORP-ITS-BAD-Back Office Apps	50270791	Sr Developer ITS	1,760.00	28.34	69,849.74	1,124.48	569.34	1,693.82
032080	CORP-ITS-BAD-Back Office Apps	50270791	Sr Programmer Analyst ITS	320.00	7.17	12,700.00	284.40	143.99	428.39
032080	CORP-ITS-BAD-Back Office Apps	50330957	Sr Developer ITS	1,760.00	32.14	70,508.67	1,287.66	651.96	1,939.62
032080	CORP-ITS-BAD-Back Office Apps	50330957	Sr Programmer Analyst ITS	320.00	7.17	12,880.40	288.40	146.02	434.42
032080	CORP-ITS-BAD-Back Office Apps	50336934	Lead Programmer Analyst ITS	360.00	8.06	15,687.90	351.43	177.93	529.36
032080	CORP-ITS-BAD-Back Office Apps	50336934	Team Lead Appl Dev ITS	1,720.00	36.31	74,593.03	1,574.76	797.32	2,372.08
032080	CORP-ITS-BAD-Back Office Apps	50357466	Lead Programmer Analyst ITS	352.00	7.44	20,213.23	425.04	215.20	640.24
032080	CORP-ITS-BAD-Back Office Apps	50357466	Spec Business App Supp ITS	1,720.00	38.58	83,312.85	1,868.70	946.14	2,814.84
032080	CORP-ITS-BAD-Back Office Apps	50359776	Spec Business App Supp ITS	2,080.00	46.65	85,248.29	1,911.11	967.61	2,878.72
032080	CORP-ITS-BAD-Back Office Apps	50486883	Mgr Application Dev ITS	2,080.00	46.65	131,567.78	2,951.28	1,494.26	4,445.54
032080	CORP-ITS-BAD-Back Office Apps	50522941	Lead Programmer Analyst ITS	664.00	14.87	32,083.14	718.76	363.92	1,082.68
032080	CORP-ITS-BAD-Back Office Apps	50522941	Sr Programmer Analyst ITS	280.00	6.27	13,528.90	303.10	153.46	456.56
032080 Total				20,776.00	427.34	932,792.06	\$19,346.56	\$9,795.36	\$29,141.92
032081	CORP-ITS-BAD-Quality&Methodlgy	3000198	Spec Business App Supp ITS (N)	1,414.50	31.74	49,760.05	1,116.62	565.36	1,681.98
032081	CORP-ITS-BAD-Quality&Methodlgy	3017515	Analyst QA ITS	360.00	8.06	11,356.20	254.27	128.74	383.01
032081	CORP-ITS-BAD-Quality&Methodlgy	3017515	Training Administrator ITS	320.00	7.17	10,094.40	226.04	114.45	340.49
032081	CORP-ITS-BAD-Quality&Methodlgy	50193841	Analyst QA ITS (PA) (N)	1,723.00	22.30	55,849.60	728.96	369.08	1,098.04
032081	CORP-ITS-BAD-Quality&Methodlgy	50193841	Sr Analyst QA ITS	160.00	3.53	5,172.99	114.01	57.72	171.73
032081	CORP-ITS-BAD-Quality&Methodlgy	50193841	Sr Analyst QA ITS (PA) (N)	200.00	4.00	6,466.24	129.21	65.42	194.63
032081	CORP-ITS-BAD-Quality&Methodlgy	50319749	Analyst QA ITS	1,440.00	22.02	43,046.76	657.20	332.75	989.95
032081	CORP-ITS-BAD-Quality&Methodlgy	50328933	Analyst Business ITS	1,720.00	31.48	56,393.92	1,033.70	523.37	1,557.07
032081	CORP-ITS-BAD-Quality&Methodlgy	50328933	Analyst QA ITS	360.00	6.07	11,879.26	200.24	101.38	301.62
032081	CORP-ITS-BAD-Quality&Methodlgy	50334551	Analyst QA ITS	2,080.00	23.07	63,001.54	696.90	352.85	1,049.75
032081	CORP-ITS-BAD-Quality&Methodlgy	50343508	Mgr Application Dev ITS	360.00	6.50	18,911.25	341.20	172.75	513.95
032081	CORP-ITS-BAD-Quality&Methodlgy	50343508	Mgr Quality Assurance ITS	1,720.00	28.69	89,776.72	1,498.26	758.58	2,256.84
032081	CORP-ITS-BAD-Quality&Methodlgy	50360982	Analyst QA ITS	1,720.00	31.67	53,309.97	982.52	497.46	1,479.98
032081	CORP-ITS-BAD-Quality&Methodlgy	50360982	Sr Analyst QA ITS	360.00	6.65	11,264.85	208.26	105.44	313.70
032081	CORP-ITS-BAD-Quality&Methodlgy	50381111	Analyst Business ITS	128.00	2.52	4,738.40	93.28	47.23	140.51
032081	CORP-ITS-BAD-Quality&Methodlgy	50381111	Specialist Corporate Comm	32.00	0.63	1,020.76	20.12	10.19	30.31
032081	CORP-ITS-BAD-Quality&Methodlgy	50381111	Sr Spec Documentation ITS	240.00	4.73	8,884.50	174.90	88.55	263.45
032081	CORP-ITS-BAD-Quality&Methodlgy	50443203	Analyst QA ITS	1,720.00	38.58	63,273.16	1,420.02	718.97	2,138.99
032081	CORP-ITS-BAD-Quality&Methodlgy	50443203	Sr Analyst QA ITS	360.00	8.06	13,369.95	299.70	151.74	451.44
032081	CORP-ITS-BAD-Quality&Methodlgy	50481528	Analyst QA ITS	1,776.00	34.77	54,590.06	1,070.69	542.10	1,612.79
032081	CORP-ITS-BAD-Quality&Methodlgy	50512238	Analyst QA ITS	1,080.00	22.76	41,539.44	875.06	443.05	1,318.11

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032081	CORP-ITS-BAD-Quality&Methodlog	50512238	Lead Analyst QA ITS	120.00	2.69	5,076.90	113.70	57.57	171.27
032081	CORP-ITS-BAD-Quality&Methodlog	50512238	Sr Analyst QA ITS	280.00	5.80	11,846.16	245.41	124.25	369.66
032081	CORP-ITS-BAD-Quality&Methodlog	50540608	Analyst QA ITS	200.00	1.90	6,346.24	60.43	30.60	91.03
032081 Total				19,873.50	355.39	696,969.32	\$12,560.70	\$6,359.60	\$18,920.30
032082	CORP-ITS-BAD-Customer Facing	3017515	Trainer/Documenter ITS	760.00	17.08	23,459.62	527.03	266.84	793.87
032082	CORP-ITS-BAD-Customer Facing	3017515	Training Administrator ITS	640.00	14.34	20,188.80	452.01	228.86	680.87
032082	CORP-ITS-BAD-Customer Facing	18611053	Team Lead Appl Dev ITS	1,400.00	17.31	60,841.09	752.30	380.90	1,133.20
032082	CORP-ITS-BAD-Customer Facing	50275439	Lead Analyst Business ITS	320.00	4.33	14,888.95	201.70	102.12	303.82
032082	CORP-ITS-BAD-Customer Facing	50275439	Sr Developer ITS	1,760.00	23.24	80,648.08	1,062.84	538.13	1,600.97
032082	CORP-ITS-BAD-Customer Facing	50325108	Analyst Business ITS	1,720.00	30.29	57,737.94	1,018.35	515.60	1,533.95
032082	CORP-ITS-BAD-Customer Facing	50325108	Sr Analyst Business ITS	360.00	8.06	12,143.25	271.80	137.62	409.42
032082	CORP-ITS-BAD-Customer Facing	50373036	Spec Business App Supp ITS	1,400.00	29.37	51,742.34	1,085.36	549.53	1,634.89
032082	CORP-ITS-BAD-Customer Facing	50420233	Mgr Application Dev ITS	2,080.00	31.85	129,683.40	1,982.29	1,003.65	2,985.94
032082	CORP-ITS-BAD-Customer Facing	50438051	Mgr Process Design ITS	1,400.00	30.45	62,939.68	1,368.20	692.73	2,060.93
032082	CORP-ITS-BAD-Customer Facing	50444295	Business Liaison	1,080.00	9.34	55,318.47	482.80	244.45	727.25
032082	CORP-ITS-BAD-Customer Facing	50456143	Technical Trainer ITS	400.00	8.96	10,852.00	243.00	123.03	366.03
032082	CORP-ITS-BAD-Customer Facing	50460429	Lead Technical Trainer ITS	360.00	8.06	16,442.10	368.10	186.37	554.47
032082	CORP-ITS-BAD-Customer Facing	50460429	Training Administrator ITS	1,720.00	38.58	78,556.70	1,761.50	891.87	2,653.37
032082	CORP-ITS-BAD-Customer Facing	50478766	Analyst Business ITS	1,680.00	36.43	50,988.69	1,107.57	560.77	1,668.34
032082	CORP-ITS-BAD-Customer Facing	50478766	Sr Analyst Business ITS	400.00	8.58	14,819.50	317.89	160.95	478.84
032082	CORP-ITS-BAD-Customer Facing	50493791	Business Partner ITS	1,720.00	24.02	76,942.94	1,004.93	508.81	1,513.74
032082	CORP-ITS-BAD-Customer Facing	50493791	Sr Analyst Business ITS	360.00	8.06	15,057.90	337.50	170.88	508.38
032082	CORP-ITS-BAD-Customer Facing	50506035	Business Partner ITS	1,040.00	23.30	54,000.50	1,210.10	612.69	1,822.79
032082	CORP-ITS-BAD-Customer Facing	50506035	Sr Analyst Business ITS	360.00	3.16	15,923.25	139.78	70.77	210.55
032082	CORP-ITS-BAD-Customer Facing	50516281	Analyst Business ITS	1,280.00	19.85	36,923.16	572.57	289.90	862.47
032082	CORP-ITS-BAD-Customer Facing	50520762	Business Liaison (ITS)	720.00	16.13	32,884.21	736.21	372.75	1,108.96
032082	CORP-ITS-BAD-Customer Facing	50520762	Lead Analyst Business ITS	360.00	7.63	16,442.13	348.17	176.28	524.45
032082	CORP-ITS-BAD-Customer Facing	50522262	Sr Technical Trainer ITS	400.00	8.96	16,923.00	379.00	191.89	570.89
032082	CORP-ITS-BAD-Customer Facing	50522262	Training Administrator ITS	560.00	12.54	21,539.00	482.30	244.19	726.49
032082	CORP-ITS-BAD-Customer Facing	50523080	Business Liaison	520.00	9.21	30,000.18	554.80	280.90	835.70
032082	CORP-ITS-BAD-Customer Facing	50523080	Lead Analyst Business ITS	360.00	5.98	17,307.80	287.64	145.64	433.28
032082 Total				25,160.00	455.12	1,075,194.68	\$19,055.74	\$9,648.12	\$28,703.86
032083	CORP-ITS-BAD-Field Svc Apps	3015763	Sr Developer ITS	1,712.00	33.77	64,795.47	1,277.88	647.00	1,924.88
032083	CORP-ITS-BAD-Field Svc Apps	3015763	Sr Programmer Analyst ITS	360.00	6.25	13,690.37	237.66	120.33	357.99
032083	CORP-ITS-BAD-Field Svc Apps	18611053	Lead Programmer Analyst ITS	360.00	4.91	15,644.79	213.17	107.93	321.10
032083	CORP-ITS-BAD-Field Svc Apps	18611053	Team Lead Appl Dev ITS	320.00	3.12	13,906.58	135.81	68.76	204.57
032083	CORP-ITS-BAD-Field Svc Apps	50135657	Sr Developer ITS	1,720.00	32.87	69,382.89	1,326.40	671.57	1,997.97
032083	CORP-ITS-BAD-Field Svc Apps	50135657	Sr Programmer Analyst ITS	360.00	6.45	14,522.01	260.26	131.77	392.03
032083	CORP-ITS-BAD-Field Svc Apps	50363586	Lead Database Analyst ITS	360.00	6.44	17,393.78	311.19	157.56	468.75
032083	CORP-ITS-BAD-Field Svc Apps	50363586	Team Lead IT Regional Supp (N)	1,728.50	27.51	83,358.82	1,326.45	671.59	1,998.04
032083	CORP-ITS-BAD-Field Svc Apps	50371627	Database Administrator ITS (N)	1,800.00	36.88	86,181.07	1,765.71	894.00	2,659.71
032083	CORP-ITS-BAD-Field Svc Apps	50371627	Lead Database Analyst ITS	280.00	5.43	13,528.51	262.52	132.92	395.44
032083	CORP-ITS-BAD-Field Svc Apps	50373036	Spec Business App Supp ITS	360.00	7.32	13,305.16	270.65	137.03	407.68
032083	CORP-ITS-BAD-Field Svc Apps	50373036	Sr Programmer Analyst ITS	320.00	6.00	11,826.84	221.83	112.31	334.14
032083	CORP-ITS-BAD-Field Svc Apps	50447558	Mgr Application Dev ITS	2,080.00	39.34	133,800.00	2,530.96	1,281.45	3,812.41
032083	CORP-ITS-BAD-Field Svc Apps	50480255	Database Administrator ITS (N)	720.00	16.18	33,030.60	742.40	375.88	1,118.28
032083	CORP-ITS-BAD-Field Svc Apps	50480255	Lead Programmer Analyst ITS	1,000.00	21.26	46,587.43	990.47	501.48	1,491.95
032083	CORP-ITS-BAD-Field Svc Apps	50480255	Sr Analyst Database ITS	360.00	7.80	16,771.48	363.21	183.90	547.11
032083	CORP-ITS-BAD-Field Svc Apps	50507992	Sr Developer ITS	1,240.00	27.25	59,616.10	1,310.52	663.53	1,974.05
032083	CORP-ITS-BAD-Field Svc Apps	50507992	Sr Programmer Analyst ITS	360.00	8.06	17,307.90	387.90	196.40	584.30
032083	CORP-ITS-BAD-Field Svc Apps	50513037	Sr Developer ITS	1,048.00	22.06	47,864.88	1,007.22	509.97	1,517.19
032083	CORP-ITS-BAD-Field Svc Apps	50513037	Sr Programmer Analyst ITS	320.00	6.92	14,615.21	315.96	159.97	475.93
032083	CORP-ITS-BAD-Field Svc Apps	50529714	Lead Programmer Analyst ITS	360.00	4.66	17,307.76	224.03	113.43	337.46
032083	CORP-ITS-BAD-Field Svc Apps	50529714	Sr Programmer Analyst ITS	272.00	4.44	13,077.04	213.28	107.99	321.27
032083	CORP-ITS-BAD-Field Svc Apps	50530573	Master Project Mgr PMO ITS	200.00	4.48	9,134.50	204.50	103.54	308.04
032083	CORP-ITS-BAD-Field Svc Apps	50530573	Project Mgr ITS	320.00	7.17	14,615.20	327.20	165.66	492.86
032083	CORP-ITS-BAD-Field Svc Apps	50539667	Programmer Analyst ITS	280.00	6.27	10,500.00	235.20	119.08	354.28
032083 Total				18,240.50	352.85	851,764.39	\$16,462.38	\$8,335.05	\$24,797.43
032084	SSC-Accounts Payable	3017837	Team Lead Accounts Payable	2,080.00	20.00	62,778.60	604.24	305.93	910.17
032084	SSC-Accounts Payable	3017841	Specialist Accts Payable (N)	2,080.00	46.65	36,292.20	814.91	412.60	1,227.51
032084	SSC-Accounts Payable	3017979	Specialist Accts Payable (N)	2,080.00	46.65	38,331.01	859.52	435.18	1,294.70
032084	SSC-Accounts Payable	3018059	Team Lead Accounts Payable	2,076.00	43.46	61,737.87	1,290.83	653.56	1,944.39
032084	SSC-Accounts Payable	18507002	Specialist Accts Payable (N)	2,117.45	47.49	39,063.42	875.97	443.51	1,319.48
032084	SSC-Accounts Payable	18508195	Analyst Accounts Payable (N)	2,080.00	46.65	46,311.92	1,039.01	526.06	1,565.07
032084	SSC-Accounts Payable	18508671	Team Lead Accounts Payable	2,080.00	46.65	73,669.49	1,651.11	835.97	2,487.08
032084	SSC-Accounts Payable	18508822	Analyst Accounts Payable (N)	2,092.00	46.92	50,763.21	1,138.28	576.32	1,714.60
032084	SSC-Accounts Payable	50135604	Specialist Accts Payable (N)	2,150.00	48.22	35,406.55	794.53	402.28	1,196.81
032084	SSC-Accounts Payable	50138108	Specialist Accts Payable (N)	2,097.00	47.03	35,640.85	799.11	404.60	1,203.71
032084	SSC-Accounts Payable	50239365	Analyst Accounts Payable (N)	2,097.25	47.03	43,897.52	985.29	498.86	1,484.15
032084	SSC-Accounts Payable	50247296	Analyst Accounts Payable (N)	2,090.00	46.87	44,472.83	997.13	504.86	1,501.99
032084	SSC-Accounts Payable	50257564	Analyst Accounts Payable (N)	2,124.00	45.64	47,131.60	1,012.55	512.66	1,525.21
032084	SSC-Accounts Payable	50273031	Analyst Accounts Payable (N)	2,133.00	18.35	49,109.17	420.28	212.79	633.07
032084	SSC-Accounts Payable	50275398	Specialist Accts Payable (N)	2,140.00	47.99	38,941.80	872.78	441.90	1,314.68
032084	SSC-Accounts Payable	50277472	Sr Analyst Accts Payable (N)	1,282.50	28.79	33,781.33	758.44	384.01	1,142.45
032084	SSC-Accounts Payable	50294239	Analyst Accounts Payable (N)	2,086.00	46.78	43,969.14	985.71	499.07	1,484.78
032084	SSC-Accounts Payable	50296466	Analyst Accounts Payable (N)	2,069.00	46.40	45,350.13	1,017.98	515.41	1,533.39
032084	SSC-Accounts Payable	50317566	Analyst Accounts Payable (N)	2,115.00	20.39	46,380.63	453.32	229.52	682.84
032084	SSC-Accounts Payable	50320613	Specialist Accts Payable (N)	1,865.25	41.81	32,915.75	738.00	373.66	1,111.66
032084	SSC-Accounts Payable	50354410	Specialist Accts Payable (N)	1,391.00	4.15	25,458.68	75.33	38.14	113.47
032084	SSC-Accounts Payable	50356357	Analyst Accounts Payable (N)	2,087.50	46.82	46,046.71	1,033.25	523.14	1,556.39
032084	SSC-Accounts Payable	50383273	Mgr Accounts Payable	2,080.00	37.50	100,128.60	1,804.60	913.69	2,718.29
032084	SSC-Accounts Payable	50405288	Analyst Accounts Payable (N)	2,081.00	43.89	44,056.36	929.49	470.61	1,400.10
032084	SSC-Accounts Payable	50425924	Specialist Accts Payable (N)	2,083.00	16.32	38,557.42	302.14	152.98	455.12
032084	SSC-Accounts Payable	50449965	Specialist Accts Payable (N)	2,092.00	46.92	34,811.14	780.61	395.23	1,175.84
032084 Total				52,748.95	1,025.36	1,195,003.93	\$23,034.41	\$11,662.54	\$34,696.95
032085	CORP-External Communications	18709966	Dir External Comm	2,080.00	41.03	135,184.50	2,666.20	1,349.92	4,016.12

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032085	CORP-External Communications	50350549	Coordinator Corp Comm	2,080.00	41.03	50,848.58	1,003.90	508.28	1,512.18
032085	CORP-External Communications	50467006	Mgr External Affairs (Corp)	2,080.00	41.03	86,397.60	1,704.98	863.25	2,568.23
032085	CORP-External Communications	50494031	Intern	178.50	3.53	1,785.00	35.27	17.86	53.13
032085 Total				6,418.50	126.63	274,215.68	\$5,410.35	\$2,739.31	\$8,149.66
032086	CORP-Internal Communications	50345768	Mgr Internal Comm (Corp)	2,080.00	41.03	71,805.34	1,415.94	716.90	2,132.84
032086	CORP-Internal Communications	50433360	Dir Internal Comm	1,744.00	31.98	104,360.93	1,913.61	968.88	2,882.49
032086	CORP-Internal Communications	50437110	Mgr Internal Comm (Corp)	240.00	21.12	9,807.60	863.10	437.00	1,300.10
032086 Total				4,064.00	94.14	185,973.87	\$4,192.65	\$2,122.78	\$6,315.43
032087	CORP-Corp Social Resp	50171161	Mgr Corporate Responsibility	2,080.00	41.03	120,075.61	2,368.65	1,199.27	3,567.92
032087 Total				2,080.00	41.03	120,075.61	\$2,368.65	\$1,199.27	\$3,567.92
032093	CORP-ITS-Architecture	3000234	Enterprise Architect ITS	2,080.00	43.82	130,355.30	2,747.15	1,390.91	4,138.06
032093	CORP-ITS-Architecture	50190186	Sr Data Architect ITS	2,079.50	35.54	90,437.87	1,545.52	782.51	2,328.03
032093	CORP-ITS-Architecture	50334667	Enterprise Architect ITS	2,080.00	43.97	126,922.66	2,687.11	1,360.51	4,047.62
032093	CORP-ITS-Architecture	50348193	Enterprise Architect ITS	2,080.00	37.50	123,399.01	2,224.40	1,126.24	3,350.64
032093	CORP-ITS-Architecture	50383035	Enterprise Arch Midrange Syst	2,080.00	28.90	132,977.94	1,840.42	931.82	2,772.24
032093	CORP-ITS-Architecture	50395988	Data Architect ITS	2,076.00	35.63	75,635.06	1,299.21	657.80	1,957.01
032093	CORP-ITS-Architecture	50401270	Dir Strategy & Arch ITS	2,080.00	37.72	180,530.78	3,273.58	1,657.45	4,931.03
032093	CORP-ITS-Architecture	50437991	Enterprise Architect ITS	2,080.00	43.35	127,740.14	2,661.49	1,347.54	4,009.03
032093	CORP-ITS-Architecture	50480252	Enterprise Arch Midrange Syst	2,080.00	39.52	121,755.05	2,314.41	1,171.81	3,486.22
032093	CORP-ITS-Architecture	50490244	Enterprise Architect ITS	2,080.00	42.06	121,997.66	2,465.33	1,248.22	3,713.55
032093	CORP-ITS-Architecture	50542823	Sr Application System Arch ITS	120.00	1.39	15,173.05	273.03	138.24	411.27
032093 Total				20,915.50	389.41	1,246,924.52	\$23,331.65	\$11,813.05	\$35,144.70
032505	SSC-Administration	3000559	Dir Accounting (SSC)	2,080.00	46.60	147,910.42	3,313.92	1,677.87	4,991.79
032505	SSC-Administration	3003367	VP Shared Services	2,080.00	42.75	210,215.40	4,319.80	2,187.16	6,506.96
032505	SSC-Administration	3016948	Dir Accounting (SSC)	2,080.00	46.65	154,679.20	3,469.00	1,756.39	5,225.39
032505	SSC-Administration	18505787	Dir Accounting (SSC)	1,800.00	40.38	155,298.40	3,483.64	1,763.80	5,247.44
032505	SSC-Administration	18505787	Dir Rates & Regulations SSC	280.00	7.96	24,325.06	691.71	350.22	1,041.93
032505	SSC-Administration	18732824	Mgr Service Quality	2,080.00	46.65	119,214.40	2,672.93	1,353.33	4,026.26
032505	SSC-Administration	24007445	Dir Accounting (SSC)	2,080.00	45.49	155,180.30	3,392.35	1,717.58	5,109.93
032505	SSC-Administration	50303423	Dir Financial Services	2,080.00	44.78	130,846.38	2,818.66	1,427.12	4,245.78
032505 Total				14,560.00	321.25	1,097,669.56	\$24,162.01	\$12,233.47	\$36,395.48
032570	SSC-General Accounting	3017835	Mgr Acctg & Reporting SSC	840.00	18.82	40,989.90	917.70	464.64	1,382.34
032570	SSC-General Accounting	3017835	Mgr Financial Reporting	1,240.00	27.83	60,051.80	1,347.70	682.35	2,030.05
032570	SSC-General Accounting	18507125	Mgr Acctg & Reporting SSC	840.00	18.79	39,779.25	890.39	450.81	1,341.20
032570	SSC-General Accounting	18507125	Mgr Financial Reporting	1,240.00	27.16	58,263.25	1,276.38	646.24	1,922.62
032570	SSC-General Accounting	50031711	Supvr Accounting (SSC)	2,080.00	33.19	74,833.19	1,192.51	603.78	1,796.29
032570	SSC-General Accounting	50075099	Mgr Acctg & Reporting SSC	120.00	2.65	5,538.47	122.52	62.03	184.55
032570	SSC-General Accounting	50075099	Mgr FA/JC	-	-	115.20	2.58	1.31	3.89
032570	SSC-General Accounting	50075099	Mgr Financial Reporting	1,240.00	27.83	56,315.09	1,263.69	639.82	1,903.51
032570	SSC-General Accounting	50097960	Sr Accountant	2,080.00	696.20	62,541.02	20,679.81	10,470.39	31,150.20
032570	SSC-General Accounting	50099158	Supvr Accounting (SSC)	480.00	9.86	18,653.85	387.69	196.29	583.98
032570	SSC-General Accounting	50273960	Mgr Acctg & Reporting SSC	640.00	13.40	34,302.61	717.60	363.33	1,080.93
032570	SSC-General Accounting	50297720	Supvr Accounting (SSC)	2,080.00	46.65	74,769.31	1,677.10	849.13	2,526.23
032570	SSC-General Accounting	50300204	Sr Accountant	2,080.00	40.62	62,674.04	1,223.43	619.43	1,842.86
032570	SSC-General Accounting	50325147	Intmd Accountant	2,080.00	0.84	54,223.41	21.36	10.81	32.17
032570	SSC-General Accounting	50387614	Mgr Acctg & Reporting SSC	840.00	18.82	38,204.25	855.75	433.27	1,289.02
032570	SSC-General Accounting	50387614	Mgr Financial Reporting	1,240.00	27.83	55,723.33	1,250.67	633.23	1,883.90
032570	SSC-General Accounting	50408306	Sr Accountant	1,776.00	5.71	50,759.64	158.78	80.39	239.17
032570	SSC-General Accounting	50410492	Mgr Accounting (SSC)	1,160.00	26.04	53,999.61	1,212.44	613.87	1,826.31
032570	SSC-General Accounting	50424745	Accountant (N)	1,080.00	1.17	26,205.25	76.85	38.91	115.76
032570	SSC-General Accounting	50429620	Mgr Accounting (SSC)	1,240.00	27.83	54,888.58	1,232.02	623.78	1,855.80
032570	SSC-General Accounting	50429620	Mgr Acctg & Reporting SSC	840.00	18.82	37,638.30	843.13	426.89	1,270.02
032570	SSC-General Accounting	50440349	Mgr Accounting (SSC)	1,240.00	22.79	53,981.27	991.18	501.84	1,493.02
032570	SSC-General Accounting	50440349	Mgr Acctg & Reporting SSC	840.00	11.76	36,751.05	514.50	260.50	775.00
032570	SSC-General Accounting	50441506	Intmd Accountant	2,080.00	0.65	52,731.46	16.32	8.26	24.58
032570	SSC-General Accounting	50479523	Accountant (N)	320.00	3.58	6,769.21	75.81	38.38	114.19
032570	SSC-General Accounting	50479523	Specialist Accounting (N)	1,760.00	39.48	32,757.48	734.31	371.79	1,106.10
032570	SSC-General Accounting	50479524	Accountant (N)	192.00	4.30	4,061.54	90.98	46.06	137.04
032570	SSC-General Accounting	50479524	Specialist Accounting (N)	1,760.00	38.05	33,619.48	726.68	367.93	1,094.61
032570	SSC-General Accounting	50513019	Sr Accountant	1,400.00	995.66	46,769.36	33,550.50	16,986.95	50,537.45
032570 Total				34,808.00	2,206.32	1,227,910.20	\$74,050.38	\$37,492.41	\$111,542.79
032571	SSC-Tax	3000114	Intmd Accountant Tax	2,080.00	46.65	56,732.80	1,271.63	643.84	1,915.47
032571	SSC-Tax	50105768	Sr Accountant Tax	2,080.00	43.32	79,239.15	1,648.24	834.52	2,482.76
032571	SSC-Tax	50167608	Team Lead Tax Accounting	2,080.00	45.09	79,776.79	1,729.29	875.56	2,604.85
032571	SSC-Tax	50291850	Mgr General Tax	880.00	19.77	38,246.01	859.10	434.97	1,294.07
032571	SSC-Tax	50315424	Intmd Accountant General Tax	2,080.00	46.65	61,877.12	1,388.00	702.76	2,090.76
032571	SSC-Tax	50317535	Sr Accountant	2,080.00	34.31	58,142.31	956.95	484.51	1,441.46
032571	SSC-Tax	50328948	Intmd Accountant Tax	640.00	14.39	19,188.60	431.70	218.57	650.27
032571	SSC-Tax	50328948	Team Lead Tax Accounting	1,440.00	32.26	49,722.51	1,113.26	563.65	1,676.91
032571	SSC-Tax	50369122	Tax Asst (N)	2,095.00	46.98	37,494.23	841.32	425.97	1,267.29
032571	SSC-Tax	50408298	Accountant (N)	2,085.00	46.76	45,463.49	1,019.69	516.28	1,535.97
032571	SSC-Tax	50410492	Mgr General Tax	880.00	19.08	42,308.15	917.96	464.77	1,382.73
032571	SSC-Tax	50410555	Intmd Accountant Tax	2,080.00	46.65	69,197.40	1,552.30	785.95	2,338.25
032571	SSC-Tax	50415705	Tax Asst (N)	2,082.00	45.00	38,104.86	824.21	417.31	1,241.52
032571	SSC-Tax	50416636	Accountant (N)	2,088.00	44.74	45,831.73	982.91	497.66	1,480.57
032571	SSC-Tax	50450239	Intmd Accountant Tax	260.00	5.85	9,346.17	210.22	106.44	316.66
032571	SSC-Tax	50519030	Accountant (N)	1,160.00	25.98	25,659.20	574.20	290.72	864.92
032571 Total				26,090.00	563.49	756,330.52	\$16,320.98	\$8,263.48	\$24,584.46
032572	SSC-Business Support Services	3017416	Sr Analyst Support Svcs (N)	2,080.00	46.35	77,347.39	1,723.87	872.81	2,596.68
032572	SSC-Business Support Services	3017512	Supvr HR/Payroll Rptg & Cntrl	160.00	3.58	6,346.00	142.20	72.00	214.20
032572	SSC-Business Support Services	3017603	Analyst HR (N)	160.00	2.76	4,838.40	83.42	42.24	125.66
032572	SSC-Business Support Services	3018016	Sr Specialist HR Data Mgmt (N)	160.00	3.45	3,615.37	77.96	39.47	117.43
032572	SSC-Business Support Services	3018062	Business Liaison	2,080.00	27.50	96,175.60	1,271.18	643.61	1,914.79
032572	SSC-Business Support Services	18507352	Analyst Business Performance	2,080.00	46.39	91,877.77	2,048.82	1,037.34	3,086.16
032572	SSC-Business Support Services	18508945	Business Liaison	1,920.00	52.26	80,616.16	2,189.73	1,108.68	3,298.41
032572	SSC-Business Support Services	50041705	Mgr Educ & Staff Development	2,080.00	46.56	84,135.28	1,883.83	953.80	2,837.63

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business				Hours Billed		Amount Billed		Total Billed to	
Unit	Home Business Unit Description	Employee #	Job Title	Hours	to TN	Amount	to TN	Overhead	TN
032572	SSC-Business Support Services	50188957	Analyst Support Services (N)	2,080.00	46.65	58,549.91	1,312.16	664.36	1,976.52
032572	SSC-Business Support Services	50192306	Analyst Support Services (N)	1,820.00	40.20	50,086.34	1,106.05	560.00	1,666.05
032572	SSC-Business Support Services	50392847	Analyst HR (N)	160.00	2.89	4,923.02	88.89	45.01	133.90
032572	SSC-Business Support Services	50433328	Mgr Business Systems Support	2,080.00	46.26	97,460.97	2,167.14	1,097.24	3,264.38
032572	SSC-Business Support Services	50456143	Spec Educ & Staff Dev (N)	1,652.00	37.06	40,404.98	906.62	459.03	1,365.65
032572	SSC-Business Support Services	50467795	Sr Analyst Support Svcs (N)	2,080.00	46.65	66,190.01	1,484.87	751.80	2,236.67
032572	SSC-Business Support Services	50540684	Spec Educ & Staff Dev (N)	200.00	4.48	4,519.25	101.25	51.26	152.51
032572 Total				20,792.00	453.03	767,086.45	\$16,587.99	\$8,398.65	\$24,986.64
032574	SSC-Rates & Regulation	3000104	Financial Analyst III (Rates)	2,080.00	24.44	88,149.58	1,034.07	523.56	1,557.63
032574	SSC-Rates & Regulation	3000126	Mgr Rates & Regulations	80.00	0.83	5,928.85	61.69	31.23	92.92
032574	SSC-Rates & Regulation	3000126	Sr Mgr Rates	2,000.00	120.56	148,221.44	8,934.40	4,523.58	13,457.98
032574	SSC-Rates & Regulation	3000131	Financial Analyst III (Rates)	2,080.00	72.71	75,142.77	2,622.82	1,327.96	3,950.78
032574	SSC-Rates & Regulation	3000457	Financial Analyst II (Rates)	720.00	42.50	26,615.48	1,588.19	804.12	2,392.31
032574	SSC-Rates & Regulation	3000457	Sr Analyst Financial	1,360.00	279.58	52,700.00	10,833.77	5,485.25	16,319.02
032574	SSC-Rates & Regulation	14000147	Team Lead Rates	2,080.00	55.52	101,818.46	2,772.64	1,378.50	4,101.14
032574	SSC-Rates & Regulation	18507379	Financial Analyst III (Rates)	2,080.00	53.95	94,631.12	2,460.41	1,245.73	3,706.14
032574	SSC-Rates & Regulation	18507395	Sr Analyst Financial	2,080.00	60.30	84,349.58	2,451.44	1,241.19	3,692.63
032574	SSC-Rates & Regulation	18507643	Sr Mgr Rates	2,080.00	137.25	116,573.42	7,764.22	3,931.10	11,695.32
032574	SSC-Rates & Regulation	18508751	Financial Analyst III (Rates)	2,080.00	29.55	95,030.91	1,349.89	683.46	2,033.35
032574	SSC-Rates & Regulation	18623214	Financial Analyst I (Rates)	2,080.00	109.04	52,055.05	2,719.56	1,376.94	4,096.50
032574	SSC-Rates & Regulation	50370230	Financial Analyst II (Rates)	1,320.00	74.20	41,752.28	2,373.52	1,201.74	3,575.26
032574	SSC-Rates & Regulation	50429815	Dir Rates & Regulations SSC	80.00	1.79	4,830.08	108.19	54.78	162.97
032574	SSC-Rates & Regulation	50452236	Mgr Rates	2,080.00	34.72	105,169.27	1,753.16	887.64	2,640.80
032574 Total				24,280.00	1,096.95	1,092,968.29	\$48,777.97	\$24,696.78	\$73,474.75
032575	SSC-Cash Operations	3003464	Specialist Cash Management (N)	2,104.00	43.37	42,504.71	872.30	441.65	1,313.95
032575	SSC-Cash Operations	3017503	Specialist Cash Management (N)	2,116.00	47.45	37,612.46	843.63	427.14	1,270.77
032575	SSC-Cash Operations	3018018	Specialist Cash Management (N)	2,130.00	47.53	40,906.01	910.53	461.01	1,371.54
032575	SSC-Cash Operations	18506755	Analyst Cash Management	2,080.00	78.04	56,933.68	2,136.65	1,081.81	3,218.46
032575	SSC-Cash Operations	18508241	Specialist Cash Management (N)	2,142.50	48.05	44,544.86	999.54	506.08	1,505.62
032575	SSC-Cash Operations	18648403	Analyst Cash Management	2,080.00	46.65	52,753.22	1,183.14	599.04	1,782.18
032575	SSC-Cash Operations	50011032	Sr Analyst Cash Management	2,080.00	46.65	65,854.04	1,477.11	747.88	2,224.99
032575	SSC-Cash Operations	50062328	Specialist Cash Management (N)	2,090.25	46.88	37,865.99	849.16	429.94	1,279.10
032575	SSC-Cash Operations	50074024	Analyst Cash Management	720.00	16.03	20,323.45	452.38	229.04	681.42
032575	SSC-Cash Operations	50074024	Sr Analyst Cash Management	1,360.00	28.43	42,041.60	878.82	444.96	1,323.78
032575	SSC-Cash Operations	50077256	Mgr Cash	2,080.00	41.09	96,759.80	1,911.04	967.58	2,878.62
032575	SSC-Cash Operations	50098297	Analyst Cash Management	1,360.00	30.46	37,400.00	838.05	424.31	1,262.36
032575	SSC-Cash Operations	50098297	Sr Analyst Cash Management	720.00	16.18	20,215.80	454.15	229.94	684.09
032575	SSC-Cash Operations	50116459	Specialist Accounting (N)	2,080.00	46.38	41,602.99	927.53	469.62	1,397.15
032575	SSC-Cash Operations	50171195	Team Lead Cash Management	2,080.00	45.62	70,331.14	1,541.77	780.61	2,322.38
032575	SSC-Cash Operations	50229837	Specialist Cash Management (N)	2,080.00	46.65	36,112.15	810.23	410.23	1,220.46
032575	SSC-Cash Operations	50231146	Sr Accountant	2,080.00	24.37	62,923.68	737.42	373.36	1,110.78
032575	SSC-Cash Operations	50240579	Specialist Accounting (N)	83.00	1.87	1,515.30	34.12	17.28	51.40
032575	SSC-Cash Operations	50244425	Specialist Cash Management (N)	2,116.50	46.60	37,272.91	820.52	415.44	1,235.96
032575	SSC-Cash Operations	50315421	Team Lead Cash Management	2,080.00	43.73	76,072.46	1,599.39	809.79	2,409.18
032575	SSC-Cash Operations	50332082	Sr Accountant	2,080.00	155.08	62,924.09	4,696.11	2,377.69	7,073.80
032575 Total				37,742.25	947.09	984,470.34	\$24,973.59	\$12,644.40	\$37,617.99
032577	SSC-Utility Plant Accounting	3017395	Intnd Accountant	2,080.00	35.01	53,677.83	892.84	452.05	1,344.89
032577	SSC-Utility Plant Accounting	3017504	Sr Accountant	2,080.00	2.70	75,877.42	97.57	49.40	146.97
032577	SSC-Utility Plant Accounting	3017840	Team Lead FA/JC	2,080.00	46.24	85,728.78	1,906.22	965.14	2,871.36
032577	SSC-Utility Plant Accounting	3017937	Accountant (N)	2,104.00	20.14	47,243.09	453.24	229.48	682.72
032577	SSC-Utility Plant Accounting	3018015	Accountant (N)	2,082.00	2.38	43,957.01	50.50	25.57	76.07
032577	SSC-Utility Plant Accounting	50008684	Sr Accountant	2,080.00	6.59	60,241.80	190.49	96.45	286.94
032577	SSC-Utility Plant Accounting	50075099	Mgr FA/JC	720.00	15.73	33,922.88	740.91	375.13	1,116.04
032577	SSC-Utility Plant Accounting	50079164	Mgr FA/JC	712.00	16.00	31,026.80	697.50	353.15	1,050.65
032577	SSC-Utility Plant Accounting	50240579	Specialist Accounting (N)	2,010.75	44.94	40,065.58	895.25	453.27	1,348.52
032577	SSC-Utility Plant Accounting	50280459	Accountant (N)	2,080.00	2.43	46,676.75	53.82	27.25	81.07
032577	SSC-Utility Plant Accounting	50326971	Accountant (N)	720.00	2.02	16,138.39	45.49	23.03	68.52
032577	SSC-Utility Plant Accounting	50326971	Intnd Accountant	1,360.00	0.46	35,046.93	11.83	5.99	17.82
032577	SSC-Utility Plant Accounting	50335865	Team Lead FA/JC	2,080.00	44.48	81,181.67	1,735.54	878.72	2,614.26
032577	SSC-Utility Plant Accounting	50346905	Team Lead FA/JC	2,080.00	44.03	72,569.68	1,535.73	777.56	2,313.29
032577	SSC-Utility Plant Accounting	50383043	Sr Accountant	2,080.00	3.08	62,348.97	91.76	46.46	138.22
032577	SSC-Utility Plant Accounting	50410492	Mgr FA/JC	40.00	0.90	1,923.10	43.10	21.82	64.92
032577	SSC-Utility Plant Accounting	50412286	Team Lead FA/JC	2,080.00	46.47	82,461.53	1,842.04	932.64	2,774.68
032577	SSC-Utility Plant Accounting	50416637	Sr Accountant	2,080.00	2.88	67,376.10	92.21	46.69	138.90
032577	SSC-Utility Plant Accounting	50416744	Sr Accountant	2,080.00	8.79	66,382.08	281.58	142.57	424.15
032577	SSC-Utility Plant Accounting	50425927	Sr Accountant	2,032.00	45.57	68,222.75	1,530.25	774.78	2,305.03
032577	SSC-Utility Plant Accounting	50425991	Intnd Accountant	2,080.00	50.00	53,096.27	1,258.00	636.94	1,894.94
032577	SSC-Utility Plant Accounting	50442450	Accountant (N)	2,099.50	687.20	47,325.25	15,218.04	7,705.05	22,923.09
032577	SSC-Utility Plant Accounting	50442450	Specialist Accounting (N)	40.00	1.47	884.60	32.41	16.41	48.82
032577	SSC-Utility Plant Accounting	50458795	Specialist Accounting (N)	2,088.00	46.11	40,746.91	898.55	454.94	1,353.49
032577	SSC-Utility Plant Accounting	50499769	Specialist Accounting (N)	2,146.00	48.13	43,741.95	980.64	496.51	1,477.15
032577 Total				43,114.25	1,223.74	1,257,864.12	\$31,575.51	\$15,987.00	\$47,562.51
032578	SSC-Project Management	18507133	Project Mgr	2,080.00	46.65	94,541.73	2,119.15	1,072.95	3,192.10
032578	SSC-Project Management	50028931	Project Mgr	1,992.00	32.57	83,443.59	1,349.81	683.42	2,033.23
032578 Total				4,072.00	79.22	177,985.32	\$3,468.96	\$1,756.37	\$5,225.33
032579	SSC-Employee Services	3003463	Specialist Payroll (N)	1,600.00	5.58	35,249.58	118.49	59.99	178.48
032579	SSC-Employee Services	3017512	Supvr HR/Payroll Rptg & Cntrl	1,920.00	38.81	75,721.68	1,529.48	774.39	2,303.87
032579	SSC-Employee Services	3017603	Analyst HR (N)	1,461.75	23.22	44,488.30	701.25	355.05	1,056.30
032579	SSC-Employee Services	3017723	Supvr Payroll Processing	1,920.00	40.98	72,948.96	1,563.24	791.48	2,354.72
032579	SSC-Employee Services	3017943	Specialist Payroll (N)	1,866.75	24.48	36,272.26	490.25	248.22	738.47
032579	SSC-Employee Services	3018016	Sr Specialist HR Data Mgmt (N)	1,120.00	9.69	25,307.79	218.99	110.88	329.87
032579	SSC-Employee Services	3018016	Sr Specialist Payroll (N)	800.00	5.76	17,949.27	129.25	65.44	194.69
032579	SSC-Employee Services	18506114	Specialist Payroll Tax (N)	2,080.00	46.65	90,864.09	2,036.53	1,031.12	3,067.65
032579	SSC-Employee Services	18508700	Sr Specialist Payroll (N)	2,080.00	39.73	46,076.99	879.32	445.21	1,324.53
032579	SSC-Employee Services	50039533	Analyst HR (N)	2,080.00	43.65	56,392.87	1,182.17	598.54	1,780.71
032579	SSC-Employee Services	50044112	Accountant Payroll (N)	400.00	9.00	43,501.45	978.75	495.55	1,474.30

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
032579	SSC-Employee Services	50080217	Accountant Payroll (N)	2,080.00	40.10	76,460.60	1,532.70	776.02	2,308.72
032579	SSC-Employee Services	50192521	Specialist HRIS (N)	2,080.00	35.49	41,238.55	706.22	357.57	1,063.79
032579	SSC-Employee Services	50231145	Sr Accountant Payroll	2,080.00	38.58	90,664.64	1,767.08	894.69	2,661.77
032579	SSC-Employee Services	50254116	Specialist Payroll (N)	1,800.00	40.38	38,682.11	867.58	439.26	1,306.84
032579	SSC-Employee Services	50263359	Specialist Payroll Tax (N)	2,087.25	43.96	59,019.04	1,241.47	628.57	1,870.04
032579	SSC-Employee Services	50289591	Specialist Payroll Tax (N)	2,075.00	14.15	67,253.51	566.60	286.88	853.48
032579	SSC-Employee Services	50301229	Supvr Payroll Tax & Acctg	2,080.00	43.33	76,131.60	1,583.96	801.97	2,385.93
032579	SSC-Employee Services	50302475	Mgr Employee Svcs	2,080.00	46.65	98,070.50	2,200.34	1,114.05	3,314.39
032579	SSC-Employee Services	50319768	Accountant Payroll (N)	1,192.00	24.79	34,900.63	725.72	367.44	1,093.16
032579	SSC-Employee Services	50319768	Specialist Payroll Tax (N)	880.00	19.77	31,929.09	717.58	363.32	1,080.90
032579	SSC-Employee Services	50325820	Sr Specialist HR Data Mgmt (N)	801.75	17.88	16,482.23	367.63	186.13	553.76
032579	SSC-Employee Services	50325820	Sr Specialist Payroll (N)	1,133.00	25.18	23,900.31	530.70	268.70	799.40
032579	SSC-Employee Services	50336939	Specialist Payroll (N)	1,720.00	38.58	31,320.65	702.96	355.92	1,058.88
032579	SSC-Employee Services	50365790	Specialist HRIS (N)	2,075.00	38.49	41,314.40	764.41	387.03	1,151.44
032579	SSC-Employee Services	50375864	Accountant Payroll (N)	2,080.00	38.88	68,454.20	1,332.12	674.47	2,006.59
032579	SSC-Employee Services	50392847	Analyst HR (N)	1,928.00	38.63	59,203.99	1,184.90	599.93	1,784.83
032579	SSC-Employee Services	50399048	Specialist HRIS (N)	2,063.50	46.28	36,696.53	822.44	416.41	1,238.85
032579	SSC-Employee Services	50405273	Specialist Payroll (N)	2,084.75	45.29	38,577.28	838.14	424.36	1,262.50
032579	SSC-Employee Services	50444298	Specialist Payroll (N)	2,080.00	46.65	38,730.65	868.62	439.79	1,308.41
032579 Total				51,728.75	970.61	1,513,803.75	\$29,148.89	\$14,758.38	\$43,907.27
032580	SSC-AWE	50044112	Intmd Accountant	1,680.00	0.54	53,953.20	17.32	8.77	26.09
032580 Total				1,680.00	0.54	53,953.20	\$17.32	\$8.77	\$26.09
033007	WE-Finance	50372978	Sr Mgr Compliance (Region)	560.00	0.14	31,877.41	7.92	4.01	11.93
033007 Total				560.00	0.14	31,877.41	\$7.92	\$4.01	\$11.93
033510	CE-Supply Chain	17003412	Mgr Procurement	2,080.00	6.11	112,895.81	332.97	168.59	501.56
033510 Total				2,080.00	6.11	112,895.81	\$332.97	\$168.59	\$501.56
033515	CE-Legal	50172198	Corp Counsel III Regional	1,720.00	19.61	125,889.39	1,438.22	728.19	2,166.41
033515 Total				1,720.00	19.61	125,889.39	\$1,438.22	\$728.19	\$2,166.41
033516	CE-Maintenance	10007785	Dir Maintenance	1,760.00	152.39	84,422.41	7,294.07	3,693.06	10,987.13
033516	CE-Maintenance	50031334	Sr Administrator CMM5	2,080.00	6.91	97,885.00	324.90	164.50	489.40
033516	CE-Maintenance	50502025	Sr Specialist Maint Service(N)	1,939.00	0.09	57,693.32	3.93	1.99	5.92
033516 Total				5,779.00	159.39	240,000.73	\$7,622.90	\$3,859.55	\$11,482.45
033519	CE-Operational Risk	9011505	Sr Specialist ORM	2,080.00	235.62	55,747.10	6,258.60	3,168.79	9,427.39
033519	CE-Operational Risk	50041231	Dir Operational Risk Mgmt	2,080.00	179.47	93,935.87	8,068.40	4,085.11	12,153.51
033519	CE-Operational Risk	50380815	Specialist ORM (N)	2,150.00	119.35	48,071.84	2,684.08	1,358.98	4,043.06
033519 Total				6,310.00	534.44	197,754.81	\$17,011.08	\$8,612.88	\$25,623.96
033531	CE-Western CS & S	3000502	Lead Specialist Support ITS	800.00	16.91	31,892.02	674.15	341.33	1,015.48
033531	CE-Western CS & S	3000502	Sr Spec Computer Supp ITS (N)	1,256.00	28.02	50,070.47	1,116.52	565.31	1,681.83
033531	CE-Western CS & S	3001971	Lead Specialist Support ITS	2,008.00	7.65	75,443.78	288.55	146.10	434.65
033531	CE-Western CS & S	3016244	Sr Spec Computer Supp ITS (N)	2,086.50	37.42	66,253.06	1,188.11	601.55	1,789.66
033531	CE-Western CS & S	3016513	Lead Specialist Support ITS	1,952.00	43.33	75,629.52	1,679.27	850.23	2,529.50
033531	CE-Western CS & S	9004446	Team Lead IT Regional Support	2,080.00	10.72	102,727.10	528.97	267.82	796.79
033531	CE-Western CS & S	17003513	Sr Spec Computer Supp ITS (N)	2,108.00	12.46	71,804.35	423.15	214.25	637.40
033531	CE-Western CS & S	18678039	Technical Lead Mobile ITS	2,080.00	36.90	118,180.23	2,101.72	1,064.12	3,165.84
033531	CE-Western CS & S	24007396	Sr Spec Computer Supp ITS (N)	2,122.00	74.00	69,968.96	2,415.76	1,223.12	3,638.88
033531	CE-Western CS & S	24011747	Mgr Regional Client Rel ITS	1,560.00	27.53	102,802.39	1,838.53	930.87	2,769.40
033531	CE-Western CS & S	28007583	Team Lead IT Regional Support	2,080.00	120.24	90,760.08	5,250.91	2,658.59	7,909.50
033531	CE-Western CS & S	28007707	Lead Specialist Support ITS	2,080.00	70.51	92,961.55	3,185.11	1,612.65	4,797.76
033531	CE-Western CS & S	50085802	Specialist Support ITS (N)	2,088.00	29.61	61,562.27	872.58	441.80	1,314.38
033531	CE-Western CS & S	50087113	Lead Specialist Support ITS	2,080.00	27.95	77,375.23	1,036.88	524.98	1,561.86
033531	CE-Western CS & S	50087120	Specialist Support ITS (N)	1,410.00	19.20	38,944.14	544.59	275.73	820.32
033531	CE-Western CS & S	50090809	Specialist Support ITS (N)	2,093.00	16.00	54,385.25	408.62	206.89	615.51
033531	CE-Western CS & S	50107203	Specialist Support ITS (N)	1,660.50	37.16	41,844.35	937.05	474.44	1,411.49
033531	CE-Western CS & S	50129700	Sr Spec Computer Supp ITS (N)	2,114.00	3.01	74,972.45	105.81	53.57	159.38
033531	CE-Western CS & S	50201217	Specialist Support ITS (N)	2,120.00	47.46	58,157.64	1,301.73	659.08	1,960.81
033531	CE-Western CS & S	50235071	Specialist Support ITS (N)	2,080.00	46.20	58,175.68	1,292.34	654.32	1,946.66
033531	CE-Western CS & S	50270528	Specialist Client Supp I (N)	1,336.50	29.57	31,879.33	704.84	356.87	1,061.71
033531	CE-Western CS & S	50270528	Specialist Client Supp II (N)	38.00	0.78	2,438.37	52.91	26.79	79.70
033531	CE-Western CS & S	50270528	Specialist Support ITS (N)	762.00	15.70	19,501.50	402.16	203.62	605.78
033531	CE-Western CS & S	50285458	Sr Spec Computer Supp ITS (N)	1,520.00	15.90	50,312.25	535.67	271.72	806.89
033531	CE-Western CS & S	50293021	Sr Spec Computer Supp ITS (N)	1,861.00	241.19	61,334.85	8,099.70	4,100.96	12,200.66
033531	CE-Western CS & S	50385745	Specialist Support ITS (N)	2,080.00	2.19	53,267.11	56.20	28.45	84.65
033531	CE-Western CS & S	50442586	Specialist Support ITS (N)	2,072.00	1.11	54,788.55	29.33	14.85	44.18
033531	CE-Western CS & S	50448277	Analyst Materials ITS (N)	1,973.50	44.24	46,193.85	1,035.52	524.29	1,559.81
033531	CE-Western CS & S	50484214	Team Lead IT Regional Supp (N)	720.00	12.46	26,846.22	464.48	235.17	699.65
033531	CE-Western CS & S	50484214	Team Lead IT Regional Support	1,360.00	22.47	51,982.02	858.73	434.78	1,293.51
033531	CE-Western CS & S	50485334	Specialist Support ITS (N)	1,535.00	27.84	37,636.76	682.40	345.51	1,027.91
033531	CE-Western CS & S	50540680	Mgr Regional Client Rel ITS	160.00	3.58	9,615.40	215.40	109.06	324.46
033531 Total				53,276.00	1,129.30	1,859,706.73	\$40,327.69	\$20,418.32	\$60,746.01
034005	CCA-Administration	3000197	Sr Specialist Business Svcs	1,640.00	33.46	66,291.19	1,353.63	685.36	2,038.99
034005	CCA-Administration	3018180	Specialist Opns & Perf Rptg(N)	1,200.00	26.58	29,050.67	643.67	325.90	969.57
034005	CCA-Administration	9015384	Sr Specialist Business Svcs	1,600.00	35.27	54,203.79	1,194.79	604.93	1,799.72
034005	CCA-Administration	24007543	Mgr O&M	1,280.00	28.34	84,215.60	1,864.60	944.07	2,808.67
034005	CCA-Administration	50305022	VP Customer Svc	2,080.00	46.02	179,386.00	3,969.88	2,009.99	5,979.87
034005	CCA-Administration	50476675	Clerk General Service (N)	200.00	0.03	2,602.00	0.39	0.20	0.59
034005	CCA-Administration	50511442	Dir CSC Operations	1,280.00	28.29	67,692.80	1,496.00	757.44	2,253.44
034005 Total				9,280.00	197.99	483,442.05	\$10,522.96	\$5,327.89	\$15,850.85
034018	CCA-Human Resources	50027563	Specialist Human Resources (N)	2,080.00	46.02	43,021.92	951.67	481.84	1,433.51
034018	CCA-Human Resources	50172171	HR Generalist	2,080.00	46.02	63,306.47	1,400.63	709.15	2,109.78
034018	CCA-Human Resources	50190040	HR Generalist	2,080.00	46.02	57,559.52	1,273.83	644.95	1,918.78
034018	CCA-Human Resources	50190173	HR Generalist	2,080.00	43.01	57,281.52	1,186.15	600.56	1,786.71
034018	CCA-Human Resources	50200009	Sr HR Generalist	2,080.00	46.02	65,239.20	1,444.42	731.32	2,175.74
034018	CCA-Human Resources	50323974	Specialist Human Resources (N)	2,159.50	47.78	45,858.87	1,014.74	513.77	1,528.51
034018	CCA-Human Resources	50491467	Dir HR (CSC)	2,080.00	46.02	139,999.60	3,097.50	1,568.30	4,665.80
034018 Total				14,639.50	320.92	472,267.10	\$10,368.94	\$5,249.89	\$15,618.83
034070	CCA-Call Handling	3016448	CSR-3 Speciality Desk Rep	1,913.70	43.34	30,320.96	686.08	347.37	1,033.45

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business				Hours Billed		Amount Billed		Total Billed to	
Unit	Home Business Unit Description	Employee #	Job Title	Hours	to TN	Amount	to TN	Overhead	TN
034070	CCA-Call Handling	3016771	CSR-3 Call Handling Rep	202.50	4.62	3,624.13	82.74	41.89	124.63
034070	CCA-Call Handling	3016771	CSR-4 Time Critical Tech Coord	1,881.00	52.96	34,734.10	977.97	495.16	1,473.13
034070	CCA-Call Handling	3016776	CSR-3 Call Handling Rep	1,775.25	40.24	29,313.01	664.27	336.33	1,000.60
034070	CCA-Call Handling	3016791	CSR-3 Call Handling Rep	201.25	4.59	3,530.80	80.51	40.76	121.27
034070	CCA-Call Handling	3016791	CSR-4 Time Critical Tech Coord	1,907.50	52.73	33,536.01	927.22	469.46	1,396.68
034070	CCA-Call Handling	3016856	CSR-3 Call Handling Rep	1,994.25	45.26	35,300.70	801.16	405.64	1,206.80
034070	CCA-Call Handling	3016858	CSR-3 Call Handling Rep	1,527.00	34.61	26,956.40	609.95	308.82	918.77
034070	CCA-Call Handling	3016869	CSR-3 Call Handling Rep	1,925.00	43.68	31,723.84	719.77	364.43	1,084.20
034070	CCA-Call Handling	3016926	CSR-2 Call Handling Rep	2,037.25	46.21	28,584.33	648.09	328.13	976.22
034070	CCA-Call Handling	3016926	CSR-3 Call Handling Rep	80.00	1.82	1,261.20	28.74	14.55	43.29
034070	CCA-Call Handling	3017086	CSR-3 Call Handling Rep	1,791.50	40.62	30,970.23	701.57	355.21	1,056.78
034070	CCA-Call Handling	3017266	CSR-3 Call Handling Rep	2,113.50	47.98	34,915.01	792.38	401.19	1,193.57
034070	CCA-Call Handling	3017490	Mgr Call Handling	2,080.00	47.09	85,166.03	1,928.34	976.34	2,904.68
034070	CCA-Call Handling	3017587	CSR-3 Call Handling Rep	2,089.00	47.42	32,742.24	743.09	376.23	1,119.32
034070	CCA-Call Handling	3017589	Team Supvr Call Handling	2,080.00	47.22	50,566.03	1,147.49	580.99	1,728.48
034070	CCA-Call Handling	3017868	CSR-3 Call Handling Rep	199.25	4.54	3,487.90	79.53	40.27	119.80
034070	CCA-Call Handling	3017868	CSR-4 Time Critical Tech Coord	1,925.75	54.68	34,114.55	974.39	493.34	1,467.73
034070	CCA-Call Handling	3017916	CSR-3 Call Handling Rep	800.00	18.24	12,636.76	287.89	145.76	433.65
034070	CCA-Call Handling	3017916	CSR-3 Time Critical Rep	1,272.25	39.75	20,033.09	625.46	316.68	942.14
034070	CCA-Call Handling	3017927	Team Supvr Call Handling	2,080.00	47.22	49,426.20	1,121.44	567.80	1,689.24
034070	CCA-Call Handling	3017930	CSR-4 Customer Service Spec	1,954.50	44.39	34,146.18	775.70	392.74	1,168.44
034070	CCA-Call Handling	3017945	CSR-3 Call Handling Rep	2,085.25	47.33	32,943.94	747.60	378.52	1,126.12
034070	CCA-Call Handling	3017987	Supvr Floor (N)	2,087.25	47.23	38,940.98	881.18	446.15	1,327.33
034070	CCA-Call Handling	3017993	CSR-4 Customer Service Spec	140.00	3.11	2,969.42	65.98	33.41	99.39
034070	CCA-Call Handling	3018005	Specialist Performance (N)	2,000.50	45.33	38,763.16	877.49	444.28	1,321.77
034070	CCA-Call Handling	3018008	CSR-3 Call Handling Rep	1,522.25	34.53	25,200.23	571.49	289.35	860.84
034070	CCA-Call Handling	9000304	CSR-3 Call Handling Rep	2,112.00	47.91	36,681.23	832.11	421.31	1,253.42
034070	CCA-Call Handling	9015917	CSR-4 Customer Service Spec	675.75	15.40	12,203.47	278.08	140.79	418.87
034070	CCA-Call Handling	17002636	Team Supvr Call Handling	2,080.00	47.18	51,140.20	1,160.65	587.65	1,748.30
034070	CCA-Call Handling	17007105	CSR-3 Call Handling Rep	460.00	10.42	8,816.84	199.45	100.98	300.43
034070	CCA-Call Handling	50019698	CSR-4 Customer Service Spec	1,989.00	45.19	38,911.78	883.31	447.23	1,330.54
034070	CCA-Call Handling	50019701	CSR-3 Call Handling Rep	2,133.00	48.40	37,536.73	851.85	431.30	1,283.15
034070	CCA-Call Handling	50019732	Team Supvr Call Handling	240.00	6.19	5,407.50	139.40	70.58	209.98
034070	CCA-Call Handling	50025540	CSR-3 Call Handling Rep	758.00	17.28	13,263.67	301.99	152.90	454.89
034070	CCA-Call Handling	50025540	CSR-3 Time Critical Rep	1,300.00	39.25	23,350.86	698.85	353.83	1,052.68
034070	CCA-Call Handling	50027582	Supvr Call Handling Group	2,088.00	47.24	53,986.24	1,221.44	618.43	1,839.87
034070	CCA-Call Handling	50038982	CSR-3 Speciality Desk Rep	603.25	13.75	9,549.73	217.59	110.17	327.76
034070	CCA-Call Handling	50039568	Team Supvr Call Handling	2,104.00	47.67	54,114.52	1,225.94	620.71	1,846.65
034070	CCA-Call Handling	50043493	Specialist Performance (N)	2,003.25	45.25	39,600.47	894.11	452.70	1,346.81
034070	CCA-Call Handling	50047652	CSR-1 Call Handling Rep	1,293.75	29.25	15,819.69	357.51	181.01	538.52
034070	CCA-Call Handling	50047677	Team Supvr Call Handling	1,744.50	39.44	35,350.15	799.54	404.82	1,204.36
034070	CCA-Call Handling	50048842	CSR-4 Customer Service Spec	2,060.25	46.79	35,992.99	817.74	414.03	1,231.77
034070	CCA-Call Handling	50050705	CSR-3 Call Handling Rep	241.50	5.51	3,789.13	86.34	43.71	130.05
034070	CCA-Call Handling	50050705	CSR-3 Time Critical Rep	1,840.50	55.08	28,924.81	865.89	438.41	1,304.30
034070	CCA-Call Handling	50053132	CSR-4 Customer Service Spec	2,104.75	47.78	40,782.40	925.66	468.67	1,394.33
034070	CCA-Call Handling	50053150	CSR-3 Call Handling Rep	2,115.75	47.96	35,018.91	793.17	401.59	1,194.76
034070	CCA-Call Handling	50054027	Team Supvr Call Handling	2,080.00	47.15	43,317.20	982.60	497.50	1,480.10
034070	CCA-Call Handling	50054136	CSR-3 Call Handling Rep	1,913.25	43.45	33,541.26	761.73	385.67	1,147.40
034070	CCA-Call Handling	50057144	CSR-4 Customer Service Spec	2,075.25	47.11	36,255.68	823.26	416.82	1,240.08
034070	CCA-Call Handling	50066677	Team Supvr Call Handling	2,080.00	47.15	43,302.02	982.38	497.39	1,479.77
034070	CCA-Call Handling	50066681	CSR-3 Speciality Desk Rep	2,100.50	47.55	33,438.23	756.22	382.88	1,139.10
034070	CCA-Call Handling	50069140	CSR-3 Call Handling Rep	1,159.25	26.26	18,229.71	412.81	209.01	621.82
034070	CCA-Call Handling	50071066	CSR-3 Call Handling Rep	1,383.00	31.32	21,674.47	490.78	248.49	739.27
034070	CCA-Call Handling	50074994	CSR-3 Call Handling Rep	2,116.00	48.04	35,586.95	807.70	408.95	1,216.65
034070	CCA-Call Handling	50077116	CSR-3 Call Handling Rep	1,745.25	39.65	28,790.38	653.92	331.09	985.01
034070	CCA-Call Handling	50081209	CSR-3 Call Handling Rep	2,132.00	48.33	35,322.55	800.55	405.33	1,205.88
034070	CCA-Call Handling	50083286	CSR-3 Call Handling Rep	1,603.50	36.35	25,126.63	569.49	288.34	857.83
034070	CCA-Call Handling	50083360	CSR-3 Call Handling Rep	1,933.75	43.86	30,303.34	687.18	347.93	1,035.11
034070	CCA-Call Handling	50087133	CSR-3 Call Handling Rep	239.50	5.46	4,269.11	97.33	49.28	146.61
034070	CCA-Call Handling	50087133	CSR-4 Time Critical Tech Coord	1,355.75	39.97	24,084.50	711.86	360.42	1,072.28
034070	CCA-Call Handling	50090843	CSR-3 Call Handling Rep	243.00	5.54	4,250.07	96.90	49.06	145.96
034070	CCA-Call Handling	50090843	CSR-4 Time Critical Tech Coord	1,881.25	52.55	32,915.66	920.08	465.85	1,385.93
034070	CCA-Call Handling	50090855	CSR-4 Customer Service Spec	43.75	0.93	791.43	16.28	8.24	24.52
034070	CCA-Call Handling	50096900	CSR-4 Customer Service Spec	2,110.25	47.94	36,869.61	837.75	424.16	1,261.91
034070	CCA-Call Handling	50096921	CSR-3 Call Handling Rep	476.75	10.87	7,728.96	176.10	89.16	265.26
034070	CCA-Call Handling	50096921	CSR-3 Time Critical Rep	1,281.00	38.92	20,749.08	632.44	320.21	952.65
034070	CCA-Call Handling	50098137	CSR-3 Call Handling Rep	872.50	19.69	14,041.28	317.05	160.53	477.58
034070	CCA-Call Handling	50098166	CSR-3 Call Handling Rep	2,129.25	48.31	33,556.55	761.20	385.40	1,146.60
034070	CCA-Call Handling	50099170	CSR-4 Customer Service Spec	3.25	0.07	56.84	1.26	0.64	1.90
034070	CCA-Call Handling	50099172	CSR-3 Call Handling Rep	2,138.75	48.49	35,360.05	800.98	405.54	1,206.52
034070	CCA-Call Handling	50099225	CSR-3 Call Handling Rep	2,057.75	46.60	32,248.60	730.16	369.69	1,099.85
034070	CCA-Call Handling	50099253	CSR-4 Customer Service Spec	2,119.75	48.15	37,036.03	841.53	426.08	1,267.61
034070	CCA-Call Handling	50100190	CSR-4 Customer Service Spec	1,776.25	40.36	31,045.02	705.50	357.20	1,062.70
034070	CCA-Call Handling	50101308	CSR-1 Call Handling Rep	2,120.25	48.13	26,113.59	591.98	299.73	891.71
034070	CCA-Call Handling	50102796	CSR-3 Call Handling Rep	797.75	18.19	13,222.11	301.28	152.54	453.82
034070	CCA-Call Handling	50102796	CSR-3 Time Critical Rep	1,310.00	30.44	21,479.71	499.05	252.67	751.72
034070	CCA-Call Handling	50103204	CSR-3 Call Handling Rep	2,120.00	48.10	33,539.40	760.76	385.18	1,145.94
034070	CCA-Call Handling	50110729	CSR-3 Call Handling Rep	2,060.00	46.77	34,675.15	787.05	398.49	1,185.54
034070	CCA-Call Handling	50113938	Specialist Performance (N)	2,017.25	45.71	40,020.44	906.57	459.01	1,365.58
034070	CCA-Call Handling	50114004	CSR-4 Customer Service Spec	1,565.00	35.70	27,373.34	624.52	316.20	940.72
034070	CCA-Call Handling	50122342	Team Supvr Call Handling	2,080.00	47.28	45,741.36	1,039.23	526.17	1,565.40
034070	CCA-Call Handling	50122437	CSR-3 Speciality Desk Rep	1,781.00	40.27	29,162.94	659.41	333.87	993.28
034070	CCA-Call Handling	50122438	Team Supvr Call Handling	2,080.00	47.05	42,685.72	965.90	489.04	1,454.94
034070	CCA-Call Handling	50125811	CSR-3 Call Handling Rep	16.00	0.36	246.08	5.47	2.77	8.24
034070	CCA-Call Handling	50126003	CSR-1 Call Handling Rep	549.50	12.47	6,139.83	139.19	70.47	209.66
034070	CCA-Call Handling	50126015	CSR-3 Speciality Desk Rep	1,731.50	39.31	28,494.55	646.16	327.16	973.32

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
034070	CCA-Call Handling	50126349	Team Supvr Call Handling	2,080.00	47.18	41,273.80	936.75	474.29	1,411.04
034070	CCA-Call Handling	50126639	CSR-2 Call Handling Rep	87.75	1.95	1,989.41	44.15	22.35	66.50
034070	CCA-Call Handling	50126639	CSR-3 Call Handling Rep	1,507.00	34.25	23,650.33	537.29	272.04	809.33
034070	CCA-Call Handling	50130542	CSR-2 Call Handling Rep	573.50	12.92	7,957.02	179.28	90.77	270.05
034070	CCA-Call Handling	50130558	CSR-4 Customer Service Spec	2,078.25	47.21	36,406.94	827.20	418.82	1,246.02
034070	CCA-Call Handling	50130786	CSR-2 Call Handling Rep	-	-	333.36	7.60	3.85	11.45
034070	CCA-Call Handling	50185975	Supvr Floor (N)	308.50	6.95	7,838.85	176.45	89.34	265.79
034070	CCA-Call Handling	50192441	CSR-2 Call Handling Rep	1,025.25	23.12	15,894.15	358.36	181.44	539.80
034070	CCA-Call Handling	50192441	CSR-3 Call Handling Rep	1,327.25	30.26	23,161.05	527.77	267.22	794.99
034070	CCA-Call Handling	50192456	CSR-4 Customer Service Spec	2,159.75	48.94	38,945.80	882.92	447.03	1,329.95
034070	CCA-Call Handling	50192469	CSR-4 Customer Service Spec	1,774.25	40.27	31,124.02	706.72	357.82	1,064.54
034070	CCA-Call Handling	50192484	CSR-4 Customer Service Spec	1,576.50	35.79	27,553.41	625.80	316.85	942.65
034070	CCA-Call Handling	50192507	CSR-3 Specialty Desk Rep	2,067.20	46.78	32,459.92	733.80	371.53	1,105.33
034070	CCA-Call Handling	50199001	Supvr Call Handling Group	2,080.00	47.09	53,787.20	1,217.60	616.48	1,834.08
034070	CCA-Call Handling	50233830	Specialist Performance (N)	2,000.00	47.33	39,099.37	924.31	467.99	1,392.30
034070	CCA-Call Handling	50235090	Supvr Floor (N)	679.00	15.46	12,085.35	275.06	139.27	414.33
034070	CCA-Call Handling	50235172	CSR-2 Call Handling Rep	1,585.75	36.00	23,341.54	529.68	268.18	797.86
034070	CCA-Call Handling	50235174	CSR-4 Customer Service Spec	1,721.25	39.03	30,239.33	685.59	347.12	1,032.71
034070	CCA-Call Handling	50235185	CSR-4 Customer Service Spec	1,103.25	24.91	19,606.27	442.41	224.00	666.41
034070	CCA-Call Handling	50250300	CSR-3 Call Handling Rep	811.00	18.49	12,784.99	291.36	147.52	438.88
034070	CCA-Call Handling	50250300	CSR-3 Time Critical Rep	1,312.50	39.89	20,882.80	634.69	321.35	956.04
034070	CCA-Call Handling	50251174	CSR-2 Call Handling Rep	1,908.25	43.27	27,029.95	612.43	310.08	922.51
034070	CCA-Call Handling	50258567	Mgr Call Handling	1,312.00	29.58	52,568.89	1,185.26	600.11	1,785.37
034070	CCA-Call Handling	50277570	CSR-2 Call Handling Rep	1,351.50	30.70	18,782.62	426.57	215.98	642.55
034070	CCA-Call Handling	50277577	CSR-2 Call Handling Rep	1,891.75	42.89	26,254.85	595.07	301.29	896.36
034070	CCA-Call Handling	50277580	CSR-4 Customer Service Spec	2,077.25	47.12	36,555.34	828.75	419.60	1,248.35
034070	CCA-Call Handling	50279015	CSR-4 Customer Service Spec	2,116.25	48.07	37,213.44	845.61	428.14	1,273.75
034070	CCA-Call Handling	50287886	CSR-3 Specialty Desk Rep	608.50	13.87	9,914.86	225.93	114.39	340.32
034070	CCA-Call Handling	50287901	CSR-2 Call Handling Rep	1,975.75	44.82	27,420.34	621.62	314.73	936.35
034070	CCA-Call Handling	50287902	CSR-3 Specialty Desk Rep	1,985.75	45.00	31,216.20	706.62	357.77	1,064.39
034070	CCA-Call Handling	50297725	CSR-3 Call Handling Rep	775.25	17.68	12,215.44	278.37	140.94	419.31
034070	CCA-Call Handling	50297725	CSR-3 Time Critical Rep	1,336.95	31.29	21,382.56	500.55	253.43	753.98
034070	CCA-Call Handling	50297726	CSR-3 Call Handling Rep	793.12	18.08	12,444.06	283.56	143.57	427.13
034070	CCA-Call Handling	50297726	CSR-3 Time Critical Rep	1,320.00	38.98	20,959.84	615.22	311.49	926.71
034070	CCA-Call Handling	50297739	CSR-2 Call Handling Rep	2,074.25	47.05	28,782.97	652.56	330.40	982.96
034070	CCA-Call Handling	50311177	CSR-2 Call Handling Rep	1,976.00	44.62	27,491.49	620.61	314.22	934.83
034070	CCA-Call Handling	50311188	CSR-4 Customer Service Spec	1,814.00	41.12	31,891.80	722.52	365.82	1,088.34
034070	CCA-Call Handling	50319784	CSR-3 Specialty Desk Rep	2,116.25	47.91	33,511.31	757.94	383.75	1,141.69
034070	CCA-Call Handling	50319790	CSR-1 Call Handling Rep	830.25	18.72	10,142.78	228.55	115.72	344.27
034070	CCA-Call Handling	50319810	Team Supvr Call Handling	184.00	4.08	4,336.55	96.21	48.71	144.92
034070	CCA-Call Handling	50319827	CSR-2 Call Handling Rep	2,079.00	47.17	28,880.19	654.82	331.54	986.36
034070	CCA-Call Handling	50319828	CSR-3 Call Handling Rep	555.75	12.67	8,765.85	199.75	101.14	300.89
034070	CCA-Call Handling	50319828	CSR-3 Time Critical Rep	1,263.00	29.58	20,685.53	484.70	245.41	730.11
034070	CCA-Call Handling	50319831	CSR-3 Call Handling Rep	791.00	18.03	13,068.55	297.77	150.76	448.53
034070	CCA-Call Handling	50319831	CSR-3 Time Critical Rep	1,281.00	39.34	20,418.43	626.94	317.43	944.37
034070	CCA-Call Handling	50331055	CSR-3 Call Handling Rep	827.25	18.86	13,691.18	312.02	157.98	470.00
034070	CCA-Call Handling	50331055	CSR-3 Time Critical Rep	1,271.75	29.78	20,916.58	489.80	247.99	737.79
034070	CCA-Call Handling	50331066	CSR-3 Time Critical Rep	95.25	2.18	1,521.71	35.00	17.72	52.72
034070	CCA-Call Handling	50331069	CSR-2 Call Handling Rep	2,129.00	48.30	29,552.97	670.17	339.31	1,009.48
034070	CCA-Call Handling	50331080	CSR-2 Call Handling Rep	1,713.75	38.92	23,782.73	539.91	273.36	813.27
034070	CCA-Call Handling	50331081	CSR-3 Specialty Desk Rep	847.75	19.09	13,363.13	300.38	152.09	452.47
034070	CCA-Call Handling	50331087	CSR-2 Call Handling Rep	1,814.50	41.20	25,295.74	574.27	290.76	865.03
034070	CCA-Call Handling	50331981	CSR-3 Specialty Desk Rep	1,630.75	36.85	25,680.59	579.51	293.41	872.92
034070	CCA-Call Handling	50331982	CSR-2 Call Handling Rep	2,090.50	47.45	29,006.80	657.95	333.13	991.08
034070	CCA-Call Handling	50338081	CSR-2 Call Handling Rep	1,282.50	29.05	17,869.52	404.65	204.88	609.53
034070	CCA-Call Handling	50338086	CSR-3 Call Handling Rep	789.25	17.99	13,055.86	297.48	150.62	448.10
034070	CCA-Call Handling	50338086	CSR-3 Time Critical Rep	1,275.00	39.23	20,407.92	628.04	317.98	946.02
034070	CCA-Call Handling	50338171	CSR-3 Call Handling Rep	693.50	15.81	11,448.89	260.89	132.09	392.98
034070	CCA-Call Handling	50338171	CSR-3 Time Critical Rep	1,302.25	39.82	20,839.04	637.79	322.92	960.71
034070	CCA-Call Handling	50338176	CSR-3 Specialty Desk Rep	1,848.50	41.85	29,207.25	661.03	334.69	995.72
034070	CCA-Call Handling	50339421	CSR-2 Call Handling Rep	2,126.25	48.24	29,645.76	672.27	340.38	1,012.65
034070	CCA-Call Handling	50349654	CSR-3 Call Handling Rep	757.50	17.27	11,885.17	270.80	137.11	407.91
034070	CCA-Call Handling	50349654	CSR-3 Time Critical Rep	1,280.00	29.97	20,392.48	477.39	241.71	719.10
034070	CCA-Call Handling	50350552	CSR-3 Specialty Desk Rep	1,804.50	40.85	29,877.17	675.61	342.07	1,017.68
034070	CCA-Call Handling	50350553	CSR-1 Call Handling Rep	1,668.00	37.81	20,620.72	466.77	236.33	703.10
034070	CCA-Call Handling	50365760	CSR-3 Specialty Desk Rep	2,015.25	45.65	32,045.20	725.66	367.41	1,093.07
034070	CCA-Call Handling	50365795	CSR-3 Specialty Desk Rep	2,070.50	46.90	33,923.78	767.58	388.63	1,156.21
034070	CCA-Call Handling	50365799	CSR-2 Call Handling Rep	2,077.00	47.11	28,823.59	653.45	330.85	984.30
034070	CCA-Call Handling	50365800	CSR-3 Specialty Desk Rep	1,041.75	23.41	17,762.91	398.81	201.92	600.73
034070	CCA-Call Handling	50365805	CSR-3 Specialty Desk Rep	2,120.75	48.01	33,983.30	768.53	389.11	1,157.64
034070	CCA-Call Handling	50365817	CSR-1 Call Handling Rep	793.75	17.75	9,726.56	217.76	110.25	328.01
034070	CCA-Call Handling	50365817	CSR-2 Call Handling Rep	519.50	11.88	7,347.09	167.81	84.96	252.77
034070	CCA-Call Handling	50366765	CSR-1 Call Handling Rep	2,050.25	46.50	25,111.77	568.86	288.02	856.88
034070	CCA-Call Handling	50366796	CSR-3 Specialty Desk Rep	682.50	15.35	10,928.71	245.71	124.41	370.12
034070	CCA-Call Handling	50366899	CSR-1 Call Handling Rep	1,490.00	33.84	18,357.00	416.49	210.87	627.36
034070	CCA-Call Handling	50397041	Team Supvr Call Handling	1,976.00	53.47	39,725.01	1,083.35	548.51	1,631.86
034070	CCA-Call Handling	50397043	CSR-1 Call Handling Rep	1,959.75	44.44	23,991.51	543.54	275.20	818.74
034070	CCA-Call Handling	50397047	CSR-1 Call Handling Rep	1,748.75	39.66	22,944.27	519.87	263.22	783.09
034070	CCA-Call Handling	50397047	CSR-2 Call Handling Rep	207.00	4.72	3,385.32	77.12	39.05	116.17
034070	CCA-Call Handling	50397051	Team Supvr Call Handling	2,080.00	47.22	41,287.32	937.54	474.69	1,412.23
034070	CCA-Call Handling	50397750	CSR-1 Call Handling Rep	842.25	18.98	10,304.05	232.14	117.53	349.67
034070	CCA-Call Handling	50397750	CSR-2 Call Handling Rep	1,190.25	27.14	16,466.98	375.02	189.88	564.90
034070	CCA-Call Handling	50398066	CSR-1 Call Handling Rep	33.00	0.73	3,539.61	78.59	39.79	118.38
034070	CCA-Call Handling	50399062	Team Supvr Call Handling	240.00	5.33	4,765.50	105.90	53.62	159.52
034070	CCA-Call Handling	50399065	CSR-3 Specialty Desk Rep	2,023.50	45.85	33,641.60	761.68	385.65	1,147.33
034070	CCA-Call Handling	50405258	CSR-1 Call Handling Rep	1,742.70	39.51	21,342.84	483.48	244.79	728.27

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business				Hours Billed		Amount Billed		Total Billed to	
Unit	Home Business Unit Description	Employee #	Job Title	Hours	to TN	Amount	to TN	Overhead	TN
034070	CCA-Call Handling	50405260	CSR-1 Call Handling Rep	1,241.00	28.13	15,206.76	344.36	174.35	518.71
034070	CCA-Call Handling	50405260	CSR-2 Call Handling Rep	507.25	11.57	7,111.31	161.93	81.99	243.92
034070	CCA-Call Handling	50405277	CSR-1 Call Handling Rep	1,197.50	27.04	14,644.23	330.46	167.32	497.78
034070	CCA-Call Handling	50405277	CSR-2 Call Handling Rep	863.75	19.69	11,997.50	273.19	138.32	411.51
034070	CCA-Call Handling	50411320	CSR-1 Call Handling Rep	1,208.25	27.31	14,801.57	334.31	169.26	503.57
034070	CCA-Call Handling	50411320	CSR-2 Call Handling Rep	636.25	14.51	8,904.11	202.75	102.65	305.40
034070	CCA-Call Handling	50411322	CSR-1 Call Handling Rep	1,427.25	32.31	17,481.31	395.35	200.17	595.52
034070	CCA-Call Handling	50411322	CSR-2 Call Handling Rep	639.75	14.59	8,951.74	203.84	103.21	307.05
034070	CCA-Call Handling	50411324	CSR-1 Call Handling Rep	1,333.75	30.23	17,304.29	391.85	198.40	590.25
034070	CCA-Call Handling	50411324	CSR-2 Call Handling Rep	216.00	4.92	3,899.04	88.83	44.98	133.81
034070	CCA-Call Handling	50411368	CSR-1 Call Handling Rep	658.75	14.83	8,270.16	186.09	94.22	280.31
034070	CCA-Call Handling	50418787	CSR-1 Call Handling Rep	1,820.25	41.26	22,271.18	504.30	255.33	759.63
034070	CCA-Call Handling	50418787	CSR-2 Call Handling Rep	279.25	6.37	4,112.48	93.65	47.42	141.07
034070	CCA-Call Handling	50418814	CSR-1 Call Handling Rep	1,312.00	29.72	16,078.20	364.84	184.72	549.56
034070	CCA-Call Handling	50418815	CSR-1 Call Handling Rep	1,694.25	38.59	21,234.59	482.76	244.43	727.19
034070	CCA-Call Handling	50418898	CSR-1 Call Handling Rep	1,144.00	25.89	14,804.30	334.65	169.44	504.09
034070	CCA-Call Handling	50418902	CSR-1 Call Handling Rep	-	-	147.00	3.26	1.65	4.91
034070	CCA-Call Handling	50418910	CSR-3 Speciality Desk Rep	1,980.00	44.80	32,877.98	743.40	376.39	1,119.79
034070	CCA-Call Handling	50438106	CSR-1 Call Handling Rep	1,994.75	45.24	26,438.98	598.89	303.22	902.11
034070	CCA-Call Handling	50438106	CSR-2 Call Handling Rep	321.50	7.33	4,824.37	109.91	55.65	165.56
034070	CCA-Call Handling	50438113	CSR-1 Call Handling Rep	1,997.00	45.30	26,051.17	590.47	298.96	889.43
034070	CCA-Call Handling	50438113	CSR-2 Call Handling Rep	404.25	9.22	6,171.82	140.68	71.23	211.91
034070	CCA-Call Handling	50438117	CSR-1 Call Handling Rep	1,740.75	39.43	22,086.85	499.86	253.08	752.94
034070	CCA-Call Handling	50439217	CSR-1 Call Handling Rep	1,851.25	41.96	24,248.70	549.03	277.98	827.01
034070	CCA-Call Handling	50439217	CSR-2 Call Handling Rep	280.00	6.38	4,285.15	97.57	49.40	146.97
034070	CCA-Call Handling	50439221	CSR-1 Call Handling Rep	776.50	17.46	9,990.13	224.74	113.79	338.53
034070	CCA-Call Handling	50439222	CSR-1 Call Handling Rep	1,869.75	42.36	24,024.19	543.66	275.26	818.92
034070	CCA-Call Handling	50439222	CSR-2 Call Handling Rep	318.50	7.26	4,572.03	104.14	52.73	156.87
034070	CCA-Call Handling	50439250	CSR-1 Call Handling Rep	1,853.50	42.02	23,330.28	528.31	267.49	795.80
034070	CCA-Call Handling	50439250	CSR-2 Call Handling Rep	286.75	6.54	4,210.74	95.89	48.55	144.44
034070	CCA-Call Handling	50439271	CSR-1 Call Handling Rep	1,339.25	30.25	16,697.16	377.03	190.89	567.92
034070	CCA-Call Handling	50476599	CSR-1 Call Handling Rep	1,283.25	29.16	15,375.36	349.13	176.77	525.90
034070	CCA-Call Handling	50476667	CSR-1 Call Handling Rep	99.00	2.20	1,139.60	25.20	12.76	37.96
034070	CCA-Call Handling	50476669	CSR-1 Call Handling Rep	454.00	10.24	5,376.67	121.07	61.30	182.37
034070	CCA-Call Handling	50476670	CSR-1 Call Handling Rep	95.75	2.13	1,102.11	24.47	12.39	36.86
034070	CCA-Call Handling	50476675	CSR-1 Call Handling Rep	343.00	7.64	4,040.69	90.04	45.59	135.63
034070	CCA-Call Handling	50476676	CSR-1 Call Handling Rep	693.30	15.71	8,273.80	187.38	94.87	282.25
034070	CCA-Call Handling	50477712	CSR-1 Call Handling Rep	1,399.50	31.81	16,837.50	382.83	193.83	576.66
034070	CCA-Call Handling	50496506	CSR-1 Call Handling Rep	1,776.25	40.33	21,991.62	499.40	252.85	752.25
034070	CCA-Call Handling	50496508	CSR-1 Call Handling Rep	544.00	12.31	6,596.56	149.21	75.55	224.76
034070	CCA-Call Handling	50496514	CSR-1 Call Handling Rep	265.75	5.93	3,179.11	70.93	35.91	106.84
034070	CCA-Call Handling	50496515	CSR-1 Call Handling Rep	436.25	9.78	5,164.09	115.73	58.60	174.33
034070	CCA-Call Handling	50496517	CSR-1 Call Handling Rep	1,579.40	35.84	19,138.90	433.92	219.70	653.62
034070	CCA-Call Handling	50497458	CSR-1 Call Handling Rep	1,534.45	34.88	18,391.75	417.58	211.42	629.00
034070	CCA-Call Handling	50500780	CSR-1 Call Handling Rep	49.50	1.10	545.00	12.08	6.12	18.20
034070	CCA-Call Handling	50500781	CSR-1 Call Handling Rep	35.00	0.78	385.35	8.54	4.32	12.86
034070	CCA-Call Handling	50500782	CSR-1 Call Handling Rep	1,460.75	33.24	17,234.95	391.94	198.44	590.38
034070	CCA-Call Handling	50500783	CSR-1 Call Handling Rep	1,499.25	34.12	17,720.97	402.92	204.00	606.92
034070	CCA-Call Handling	50500784	CSR-1 Call Handling Rep	1,422.50	32.35	16,659.52	378.49	191.63	570.12
034070	CCA-Call Handling	50500785	CSR-1 Call Handling Rep	180.50	4.04	1,987.31	44.44	22.50	66.94
034070	CCA-Call Handling	50500786	CSR-1 Call Handling Rep	1,550.00	35.28	18,269.26	415.73	210.49	626.22
034070	CCA-Call Handling	50500787	CSR-1 Call Handling Rep	175.50	3.90	1,932.26	42.82	21.68	64.50
034070	CCA-Call Handling	50500788	CSR-1 Call Handling Rep	20.00	0.44	220.20	4.88	2.47	7.35
034070	CCA-Call Handling	50500789	CSR-1 Call Handling Rep	1,309.50	29.80	15,261.98	346.98	175.68	522.66
034070	CCA-Call Handling	50500791	CSR-1 Call Handling Rep	1,540.50	35.06	18,652.55	424.21	214.78	638.99
034070	CCA-Call Handling	50500792	CSR-1 Call Handling Rep	1,456.00	33.13	17,118.72	389.20	197.06	586.26
034070	CCA-Call Handling	50500793	CSR-1 Call Handling Rep	1,114.25	25.30	13,005.52	295.08	149.40	444.48
034070	CCA-Call Handling	50500795	CSR-1 Call Handling Rep	451.00	10.22	5,065.89	114.65	58.05	172.70
034070	CCA-Call Handling	50500796	CSR-1 Call Handling Rep	1,432.25	32.57	16,820.67	382.18	193.50	575.68
034070	CCA-Call Handling	50500797	CSR-1 Call Handling Rep	1,506.25	34.29	18,355.78	417.39	211.33	628.72
034070	CCA-Call Handling	50500798	CSR-1 Call Handling Rep	75.50	1.68	831.26	18.42	9.33	27.75
034070	CCA-Call Handling	50543639	Spec Educ & Staff Dev (N)	80.00	1.77	1,750.00	38.70	19.59	58.29
034070 Total				310,373.82	7,198.46	5,070,202.33	\$117,648.63	\$59,566.74	\$177,215.37
034071	CCA-Billing	3016351	CSR-3 Billing Specialist	1,718.00	38.04	26,963.07	596.62	302.07	898.69
034071	CCA-Billing	3016445	CSR-4 Billing Tech Coord	2,085.00	46.13	40,846.58	904.54	457.98	1,362.52
034071	CCA-Billing	3016450	CSR-3 Billing Specialist	2,113.00	46.78	33,115.79	732.61	370.93	1,103.54
034071	CCA-Billing	3016454	CSR-4 Billing Tech Coord	2,089.50	46.24	36,504.58	807.73	408.96	1,216.69
034071	CCA-Billing	3016456	Supvr Billing Group	960.00	21.22	25,150.80	555.60	281.31	836.91
034071	CCA-Billing	3016456	Team Supvr Billing	1,120.00	24.81	28,039.89	620.91	314.37	935.28
034071	CCA-Billing	3016498	CSR-4 Billing Tech Coord	2,165.50	47.97	38,533.39	853.93	432.35	1,286.28
034071	CCA-Billing	3016509	CSR-4 Billing Tech Coord	1,859.50	41.14	32,550.06	719.99	364.54	1,084.53
034071	CCA-Billing	3016514	CSR-2 Billing Specialist	899.75	19.97	14,819.42	329.02	166.59	495.61
034071	CCA-Billing	3016514	CSR-3 Billing Specialist	1,103.50	24.39	17,372.04	383.68	194.26	577.94
034071	CCA-Billing	3016520	CSR-3 Billing Specialist	1,130.75	25.06	17,704.27	392.41	198.68	591.09
034071	CCA-Billing	3016521	CSR-3 Billing Specialist	2,108.00	46.66	33,037.34	730.77	370.00	1,100.77
034071	CCA-Billing	3016656	CSR-2 Billing Specialist	984.25	21.83	17,860.06	396.24	200.62	596.86
034071	CCA-Billing	3016656	CSR-3 Billing Specialist	1,120.00	24.75	19,499.20	431.20	218.32	649.52
034071	CCA-Billing	3016673	CSR-4 Billing Tech Coord	2,124.25	47.03	38,170.46	844.65	427.65	1,272.30
034071	CCA-Billing	3016674	Team Supvr Billing	2,080.00	46.02	41,003.34	907.21	459.33	1,366.54
034071	CCA-Billing	3016678	Mgr Billing & Collections	(16.00)	(0.36)	(648.24)	(14.59)	(7.39)	(21.98)
034071	CCA-Billing	3016680	CSR-4 Billing Tech Coord	2,023.00	44.76	35,618.84	788.16	399.05	1,187.21
034071	CCA-Billing	3016685	CSR-3 Billing Specialist	1,936.00	42.84	30,375.84	671.63	340.05	1,011.68
034071	CCA-Billing	3016852	CSR-2 Billing Specialist	388.00	8.61	6,724.45	149.35	75.62	224.97
034071	CCA-Billing	3016852	CSR-3 Billing Specialist	1,338.25	29.62	20,997.27	464.35	235.11	699.46
034071	CCA-Billing	3016859	CSR-3 Billing Specialist	2,043.50	45.25	36,502.71	807.86	409.03	1,216.89
034071	CCA-Billing	3016860	CSR-3 Billing Specialist	1,808.00	40.01	30,532.23	675.93	342.23	1,018.16

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business				Hours Billed		Amount Billed		Total Billed to	
Unit	Home Business Unit Description	Employee #	Job Title	Hours	to TN	Amount	to TN	Overhead	TN
034071	CCA-Billing	3016861	CSR-3 Billing Specialist	1,840.00	40.84	30,490.26	676.82	342.68	1,019.50
034071	CCA-Billing	3016862	Specialist Performance (N)	1,925.25	42.59	37,993.07	840.29	425.45	1,265.74
034071	CCA-Billing	3016870	CSR-3 Billing Specialist	1,767.25	39.08	27,728.20	612.63	310.18	922.81
034071	CCA-Billing	3016875	CSR-3 Billing Specialist	2,112.00	46.78	33,941.13	751.35	380.42	1,131.77
034071	CCA-Billing	3016883	Supvr Billing Group	1,040.00	23.04	32,117.40	711.80	360.39	1,072.19
034071	CCA-Billing	3016929	CSR-3 Billing Specialist	1,689.75	37.44	31,979.79	708.18	358.56	1,066.74
034071	CCA-Billing	3016930	CSR-3 Billing Specialist	2,160.50	47.91	36,160.52	802.67	406.40	1,209.07
034071	CCA-Billing	3016931	CSR-3 Billing Specialist	2,084.50	46.17	38,759.77	858.43	434.63	1,293.06
034071	CCA-Billing	3017083	CSR-3 Billing Specialist	2,079.50	46.06	32,685.82	723.63	366.38	1,090.01
034071	CCA-Billing	3017085	CSR-3 Billing Specialist	2,079.00	46.00	36,985.85	817.98	414.15	1,232.13
034071	CCA-Billing	3017088	CSR-2 Billing Specialist	584.00	12.95	9,389.54	208.17	105.40	313.57
034071	CCA-Billing	3017088	CSR-3 Billing Specialist	1,124.25	24.89	18,430.39	407.75	206.45	614.20
034071	CCA-Billing	3017089	Team Supvr Billing	2,040.00	45.14	46,521.23	1,029.91	521.45	1,551.36
034071	CCA-Billing	3017092	CSR-3 Billing Specialist	2,000.00	44.27	31,380.00	694.11	351.43	1,045.54
034071	CCA-Billing	3017173	CSR-3 Billing Specialist	2,052.25	45.46	32,201.97	713.02	361.01	1,074.03
034071	CCA-Billing	3017248	CSR-3 Billing Specialist	259.75	5.75	5,303.10	117.36	59.42	176.78
034071	CCA-Billing	3017483	Team Supvr Billing	2,065.25	45.70	42,977.50	951.49	481.75	1,433.24
034071	CCA-Billing	3017500	CSR-2 Billing Specialist	2,160.00	47.88	38,529.51	854.13	432.45	1,286.58
034071	CCA-Billing	3017501	CSR-4 Billing Tech Coord	2,030.25	44.92	35,468.91	784.82	397.36	1,182.18
034071	CCA-Billing	3017850	Specialist Performance (N)	2,094.75	46.35	41,293.59	913.62	462.57	1,376.19
034071	CCA-Billing	3017919	CSR-3 Billing Specialist	2,068.75	45.81	32,421.80	717.66	363.36	1,081.02
034071	CCA-Billing	3017920	Specialist Performance (N)	1,944.00	41.43	38,538.95	821.42	415.89	1,237.31
034071	CCA-Billing	3017921	CSR-4 Billing Tech Coord	1,687.75	37.35	29,488.08	652.53	330.38	982.91
034071	CCA-Billing	3017928	Specialist Performance (N)	2,080.50	46.04	40,980.24	906.75	459.10	1,365.85
034071	CCA-Billing	3017992	CSR-2 Billing Specialist	1,461.00	32.38	22,992.02	509.70	258.07	767.77
034071	CCA-Billing	3017992	CSR-3 Billing Specialist	601.75	13.32	9,504.25	210.18	106.42	316.60
034071	CCA-Billing	3017998	CSR-2 Billing Specialist	2,016.25	44.68	33,059.08	732.63	370.94	1,103.57
034071	CCA-Billing	3018006	CSR-4 Billing Tech Coord	2,127.25	47.10	37,282.26	825.37	417.89	1,243.26
034071	CCA-Billing	3018007	CSR-3 Billing Specialist	1,950.25	43.19	30,742.58	680.61	344.60	1,025.21
034071	CCA-Billing	3018069	CSR-3 Billing Specialist	2,069.75	45.80	32,437.19	717.19	363.12	1,080.31
034071	CCA-Billing	3018202	Supvr Billing Group	720.00	15.91	18,965.95	418.91	212.10	631.01
034071	CCA-Billing	3018202	Team Supvr Billing	1,360.00	30.11	27,841.78	615.91	311.84	927.75
034071	CCA-Billing	9000082	Specialist Performance (N)	2,108.50	46.65	49,899.00	1,103.65	558.79	1,662.44
034071	CCA-Billing	9000266	Specialist Performance (N)	2,080.00	46.02	62,158.76	1,375.87	696.62	2,072.49
034071	CCA-Billing	9000405	CSR-4 Billing Tech Coord	1,720.00	38.10	30,438.60	674.15	341.33	1,015.48
034071	CCA-Billing	9000405	Team Supvr Billing	400.00	8.84	7,702.00	170.00	86.07	256.07
034071	CCA-Billing	9007798	CSR-4 Billing Tech Coord	2,091.00	46.27	36,571.24	809.07	409.64	1,218.71
034071	CCA-Billing	9015913	CSR-2 Billing Specialist	474.25	10.53	8,026.90	178.13	90.19	268.32
034071	CCA-Billing	9015913	CSR-3 Billing Specialist	1,734.00	38.39	27,878.22	616.91	312.35	929.26
034071	CCA-Billing	17002622	Specialist Performance (N)	400.00	8.84	8,636.00	191.00	96.71	287.71
034071	CCA-Billing	50019719	CSR-3 Billing Specialist	2,132.00	47.31	33,538.82	743.84	376.61	1,120.45
034071	CCA-Billing	50019728	CSR-3 Billing Specialist	2,449.75	54.42	42,561.32	946.92	479.44	1,426.36
034071	CCA-Billing	50019730	CSR-3 Billing Specialist	2,076.75	46.01	32,563.32	721.13	365.12	1,086.25
034071	CCA-Billing	50019732	Team Supvr Billing	1,700.00	37.60	38,790.92	857.24	434.03	1,291.27
034071	CCA-Billing	50021275	CSR-3 Billing Specialist	2,120.00	46.94	33,236.17	735.32	372.30	1,107.62
034071	CCA-Billing	50025997	CSR-3 Billing Specialist	2,159.75	47.84	41,868.42	927.64	469.67	1,397.31
034071	CCA-Billing	50026038	CSR-3 Billing Specialist	2,085.75	46.21	32,750.99	725.30	367.23	1,092.53
034071	CCA-Billing	50026050	CSR-3 Billing Specialist	1,820.75	40.32	28,549.74	632.01	319.99	952.00
034071	CCA-Billing	50026052	CSR-3 Billing Specialist	2,104.75	46.63	33,587.29	743.89	376.64	1,120.53
034071	CCA-Billing	50027566	CSR-3 Billing Specialist	1,852.25	41.04	33,195.80	735.53	372.41	1,107.94
034071	CCA-Billing	50027581	CSR-3 Billing Specialist	1,101.75	24.45	17,252.45	382.79	193.81	576.60
034071	CCA-Billing	50027598	Mgr Billing	1,520.00	33.59	51,737.02	1,143.79	579.11	1,722.90
034071	CCA-Billing	50027598	Supvr Billing Group	560.00	12.43	17,723.37	393.58	199.27	592.85
034071	CCA-Billing	50027600	CSR-3 Billing Specialist	2,118.75	46.95	33,215.18	735.50	372.39	1,107.89
034071	CCA-Billing	50027601	CSR-2 Billing Specialist	2,065.25	45.74	33,712.15	746.78	378.10	1,124.88
034071	CCA-Billing	50027607	CSR-2 Billing Specialist	441.75	9.81	7,149.17	158.66	80.33	238.99
034071	CCA-Billing	50027607	CSR-3 Billing Specialist	1,636.50	36.22	25,849.46	571.72	289.47	861.19
034071	CCA-Billing	50042202	CSR-3 Billing Specialist	2,134.00	47.25	34,111.47	754.88	382.20	1,137.08
034071	CCA-Billing	50043568	CSR-3 Billing Specialist	456.00	10.16	7,148.50	159.19	80.60	239.79
034071	CCA-Billing	50043646	CSR-3 Billing Specialist	2,093.00	46.37	32,808.10	726.61	367.89	1,094.50
034071	CCA-Billing	50043733	CSR-2 Billing Specialist	2,133.25	47.34	30,200.31	671.39	339.93	1,011.32
034071	CCA-Billing	50045486	CSR-2 Billing Specialist	1,858.25	41.13	28,619.17	633.22	320.61	953.83
034071	CCA-Billing	50045514	CSR-3 Billing Specialist	1,833.25	40.64	28,762.94	637.30	322.67	959.97
034071	CCA-Billing	50047670	CSR-3 Billing Specialist	2,057.50	45.56	32,283.55	714.49	361.75	1,076.24
034071	CCA-Billing	50048833	CSR-2 Billing Specialist	438.25	9.73	6,055.22	134.46	68.08	202.54
034071	CCA-Billing	50048833	CSR-3 Billing Specialist	1,668.00	36.95	26,180.03	579.44	293.38	872.82
034071	CCA-Billing	50053128	CSR-2 Billing Specialist	981.50	21.77	18,091.80	401.19	203.13	604.32
034071	CCA-Billing	50053128	CSR-3 Billing Specialist	1,123.00	24.87	19,686.38	435.56	220.53	656.09
034071	CCA-Billing	50054135	CSR-2 Billing Specialist	895.50	19.87	13,452.68	298.43	151.10	449.53
034071	CCA-Billing	50054135	CSR-3 Billing Specialist	1,283.50	28.39	21,809.57	481.95	244.02	725.97
034071	CCA-Billing	50054135	CSR-3 Collections Rep	81.00	1.79	1,272.40	28.12	14.24	42.36
034071	CCA-Billing	50054157	CSR-3 Billing Specialist	2,062.00	45.66	32,381.66	716.69	362.87	1,079.56
034071	CCA-Billing	50057171	CSR-2 Billing Specialist	970.00	21.53	17,736.71	393.56	199.26	592.82
034071	CCA-Billing	50057171	CSR-3 Billing Specialist	1,114.00	24.64	19,474.53	430.45	217.94	648.39
034071	CCA-Billing	50057171	CSR-3 Collections Rep	40.00	0.89	699.15	15.46	7.83	23.29
034071	CCA-Billing	50057254	CSR-2 Billing Specialist	2,106.00	46.65	35,020.49	776.03	392.91	1,168.94
034071	CCA-Billing	50066678	CSR-2 Billing Specialist	955.00	21.19	13,240.11	294.02	148.87	442.89
034071	CCA-Billing	50066678	CSR-3 Billing Specialist	1,119.75	24.75	17,573.41	387.95	196.42	584.37
034071	CCA-Billing	50066678	CSR-3 Collections Rep	40.00	0.88	627.62	13.86	7.02	20.88
034071	CCA-Billing	50074203	CSR-2 Billing Specialist	1,338.50	29.67	18,686.23	414.43	209.83	624.26
034071	CCA-Billing	50074203	CSR-3 Billing Specialist	829.00	18.36	13,166.49	291.34	147.51	438.85
034071	CCA-Billing	50075088	CSR-2 Billing Specialist	2,050.50	45.44	33,546.96	743.50	376.44	1,119.94
034071	CCA-Billing	50077092	Specialist Performance (N)	1,898.75	42.02	37,413.40	827.89	419.17	1,247.06
034071	CCA-Billing	50077094	CSR-2 Billing Specialist	1,107.50	24.54	15,522.06	344.19	174.27	518.46
034071	CCA-Billing	50077094	CSR-3 Billing Specialist	638.75	14.14	10,022.05	221.67	112.23	333.90
034071	CCA-Billing	50081138	CSR-3 Billing Specialist	2,048.25	45.36	32,118.36	710.85	359.91	1,070.76

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AAWSC Billed To TAWC Ended September 2010

Home Business Unit		Employee #	Job Title	Hours Billed		Amount Billed		Total Billed to	
Unit	Home Business Unit Description			Hours	to TN	Amount	to TN	Overhead	TN
034071	CCA-Billing	50087129	CSR-3 Billing Specialist	2,026.75	44.88	31,833.16	704.51	356.70	1,061.21
034071	CCA-Billing	50087138	CSR-2 Billing Specialist	1,529.00	33.94	25,219.16	559.82	283.44	843.26
034071	CCA-Billing	50087138	CSR-3 Billing Specialist	603.50	13.37	9,693.74	214.80	108.76	323.56
034071	CCA-Billing	50090873	CSR-2 Billing Specialist	2,059.25	45.61	28,570.76	633.52	320.76	954.28
034071	CCA-Billing	50093441	CSR-2 Billing Specialist	1,884.00	41.76	26,140.81	580.03	293.67	873.70
034071	CCA-Billing	50093441	CSR-3 Billing Specialist	240.00	5.31	4,302.66	95.52	48.36	143.88
034071	CCA-Billing	50096928	CSR-4 Billing Tech Coord	1,996.25	44.17	34,887.25	771.87	390.81	1,162.68
034071	CCA-Billing	50098140	CSR-3 Billing Specialist	1,041.25	23.08	16,300.12	361.26	182.91	544.17
034071	CCA-Billing	50098239	CSR-2 Billing Specialist	1,480.00	32.82	20,672.30	458.77	232.28	691.05
034071	CCA-Billing	50098239	CSR-3 Billing Specialist	640.75	14.18	10,053.37	222.21	112.51	334.72
034071	CCA-Billing	50099168	CSR-2 Billing Specialist	338.00	7.51	4,707.32	104.68	53.00	157.68
034071	CCA-Billing	50099168	CSR-3 Billing Specialist	219.00	4.89	3,436.15	76.74	38.85	115.59
034071	CCA-Billing	50099169	CSR-2 Billing Specialist	1,700.25	37.68	23,639.03	524.29	265.45	789.74
034071	CCA-Billing	50099169	CSR-3 Billing Specialist	242.00	5.36	3,727.38	82.43	41.74	124.17
034071	CCA-Billing	50099175	CSR-2 Billing Specialist	2,066.50	45.77	28,700.49	636.45	322.24	958.69
034071	CCA-Billing	50101335	CSR-3 Billing Specialist	2,133.00	47.28	33,525.57	742.62	376.00	1,118.62
034071	CCA-Billing	50104088	CSR-2 Billing Specialist	1,832.50	40.72	31,168.83	693.01	350.88	1,043.89
034071	CCA-Billing	50104088	CSR-3 Billing Specialist	493.25	10.98	8,662.41	193.18	97.81	290.99
034071	CCA-Billing	50105755	CSR-2 Billing Specialist	520.75	11.52	7,233.25	160.31	81.17	241.48
034071	CCA-Billing	50110680	Specialist Performance (N)	1,662.00	36.79	32,645.98	722.31	365.71	1,088.02
034071	CCA-Billing	50110680	Team Supvr Billing	280.00	6.19	5,808.61	128.45	65.04	193.49
034071	CCA-Billing	50110714	CSR-3 Billing Specialist	2,077.00	46.01	32,566.53	720.89	364.99	1,085.88
034071	CCA-Billing	50110726	CSR-2 Billing Specialist	1,884.00	41.76	26,152.43	580.37	293.85	874.22
034071	CCA-Billing	50110726	CSR-3 Billing Specialist	240.00	5.32	4,021.22	88.99	45.06	134.05
034071	CCA-Billing	50113865	Team Supvr Billing	1,908.00	42.22	37,691.56	834.37	422.45	1,256.82
034071	CCA-Billing	50122296	CSR-2 Billing Specialist	1,767.75	39.13	24,533.39	543.62	275.24	818.86
034071	CCA-Billing	50125879	CSR-2 Billing Specialist	2,044.00	45.28	31,086.20	688.12	348.40	1,036.52
034071	CCA-Billing	50126647	CSR-2 Billing Specialist	1,520.00	33.70	21,298.05	472.66	239.31	711.97
034071	CCA-Billing	50126647	CSR-3 Billing Specialist	600.00	13.27	9,457.23	208.96	105.80	314.76
034071	CCA-Billing	50126648	CSR-2 Billing Specialist	1,953.25	43.26	27,098.41	600.82	304.20	905.02
034071	CCA-Billing	50130525	CSR-2 Billing Specialist	1,954.75	43.31	27,169.40	602.57	305.09	907.66
034071	CCA-Billing	50130561	CSR-2 Billing Specialist	1,850.50	41.00	25,719.73	570.46	288.83	859.29
034071	CCA-Billing	50137060	CSR-2 Billing Specialist	1,718.00	38.04	23,913.43	530.16	268.43	798.59
034071	CCA-Billing	50147438	CSR-2 Billing Specialist	2,078.25	46.03	32,101.57	711.86	360.42	1,072.28
034071	CCA-Billing	50187298	CSR-2 Billing Specialist	2,119.00	46.95	29,417.80	652.64	330.44	983.08
034071	CCA-Billing	50192487	CSR-2 Billing Specialist	2,103.75	46.61	31,941.81	707.31	358.12	1,065.43
034071	CCA-Billing	50251098	CSR-2 Billing Specialist	(11.75)	(0.26)	(163.21)	(3.61)	(1.83)	(5.44)
034071	CCA-Billing	50251232	CSR-2 Billing Specialist	440.00	9.77	6,204.16	137.74	69.74	207.48
034071	CCA-Billing	50251232	CSR-3 Billing Specialist	1,680.00	37.22	26,371.35	583.72	295.54	879.26
034071	CCA-Billing	50277582	CSR-2 Billing Specialist	1,105.25	24.48	15,334.76	339.92	172.10	512.02
034071	CCA-Billing	50287892	CSR-2 Billing Specialist	1,849.88	40.98	25,685.14	569.35	288.27	857.62
034071	CCA-Billing	50297724	CSR-2 Billing Specialist	2,090.00	46.28	28,999.35	642.91	325.51	968.42
034071	CCA-Billing	50297742	CSR-2 Billing Specialist	2,007.50	44.39	27,883.28	617.21	312.50	929.71
034071	CCA-Billing	50319816	CSR-2 Billing Specialist	451.25	10.02	6,263.58	139.33	70.54	209.87
034071 Total				229,183.13	5,074.40	3,893,844.30	\$86,202.51	\$43,645.22	\$129,847.73
034072	CCA-Collections	3016239	Collection Liaison	640.00	14.20	17,215.71	381.89	193.35	575.24
034072	CCA-Collections	3016668	CSR-3 Collections Rep	1,223.50	27.13	19,468.95	431.75	218.60	650.35
034072	CCA-Collections	3016864	CSR-2 Collections Rep	627.00	13.86	9,826.26	217.18	109.96	327.14
034072	CCA-Collections	3016922	CSR-3 Collections Rep	2,296.25	50.56	37,625.22	828.14	419.30	1,247.44
034072	CCA-Collections	3017081	CSR-3 Collections Rep	1,937.25	42.89	34,214.15	757.95	383.76	1,141.71
034072	CCA-Collections	3017165	Spec Collections Documntn (N)	846.50	18.71	18,368.53	406.21	205.67	611.88
034072	CCA-Collections	3017165	Team Supvr Collections	1,280.00	28.34	27,056.02	599.10	303.33	902.43
034072	CCA-Collections	3017489	CSR-4 Collections Tech Coord	1,685.00	37.24	31,909.01	705.17	357.03	1,062.20
034072	CCA-Collections	3017995	CSR-2 Collections Rep	1,808.25	39.71	28,774.32	630.56	319.26	949.82
034072	CCA-Collections	3017995	CSR-3 Collections Rep	285.00	6.30	4,536.36	100.16	50.71	150.87
034072	CCA-Collections	9015798	CSR-2 Collections Rep	1,438.50	31.83	22,205.81	491.12	248.66	739.78
034072	CCA-Collections	17002622	Specialist Performance (N)	1,684.00	37.27	36,189.93	801.51	405.81	1,207.32
034072	CCA-Collections	50015219	CSR-4 Collections Tech Coord	2,120.50	46.32	37,290.63	813.37	411.82	1,225.19
034072	CCA-Collections	50019729	CSR-3 Collections Rep	2,039.50	45.19	31,985.76	708.45	358.70	1,067.15
034072	CCA-Collections	50021279	CSR-3 Collections Rep	2,076.00	45.59	32,919.47	722.68	365.90	1,088.58
034072	CCA-Collections	50025544	CSR-3 Collections Rep	728.25	8.39	12,180.90	147.39	74.63	222.02
034072	CCA-Collections	50026056	Team Supvr Collections	2,080.00	46.02	46,233.63	1,023.50	518.21	1,541.71
034072	CCA-Collections	50033303	CSR-4 Collections Tech Coord	2,153.25	47.33	38,343.33	843.49	427.07	1,270.56
034072	CCA-Collections	50037458	CSR-3 Collections Rep	1,972.75	41.59	32,293.71	681.61	345.11	1,026.72
034072	CCA-Collections	50039566	CSR-3 Collections Rep	2,123.25	44.84	33,348.68	703.15	356.01	1,059.16
034072	CCA-Collections	50043241	CSR-3 Collections Rep	2,121.75	45.78	33,521.76	722.91	366.02	1,088.93
034072	CCA-Collections	50043538	Collection Liaison	1,944.00	43.00	45,500.91	1,005.91	509.30	1,515.21
034072	CCA-Collections	50043621	CSR-3 Collections Rep	2,131.00	39.71	34,410.18	644.21	326.17	970.38
034072	CCA-Collections	50054113	CSR-3 Collections Rep	2,220.25	49.12	40,793.84	902.92	457.16	1,360.08
034072	CCA-Collections	50054125	CSR-3 Collections Rep	2,403.00	51.71	45,081.29	972.45	492.36	1,464.81
034072	CCA-Collections	50058246	CSR-4 Collections Tech Coord	2,124.00	46.02	37,153.78	805.07	407.61	1,212.68
034072	CCA-Collections	50090868	CSR-3 Collections Rep	2,150.00	46.68	34,359.57	745.96	377.69	1,123.65
034072	CCA-Collections	50098237	CSR-3 Collections Rep	1,824.50	39.79	28,840.39	628.51	318.22	946.73
034072	CCA-Collections	50108020	CSR-3 Collections Rep	1,982.05	30.92	31,096.41	485.64	245.88	731.52
034072	CCA-Collections	50113919	CSR-2 Collections Rep	1,483.00	32.86	20,659.24	458.30	232.04	690.34
034072	CCA-Collections	50113919	CSR-3 Collections Rep	640.00	14.16	10,128.62	223.76	113.29	337.05
034072	CCA-Collections	50125810	Mgr Collections	2,080.00	46.02	77,906.56	1,723.03	872.39	2,595.42
034072	CCA-Collections	50251095	CSR-3 Collections Rep	2,205.25	48.85	35,938.69	795.96	403.00	1,198.96
034072	CCA-Collections	50251099	CSR-2 Collections Rep	2,115.00	45.73	29,579.01	638.44	323.25	961.69
034072	CCA-Collections	50277581	CSR-3 Collections Rep	2,088.50	46.25	32,864.81	727.48	368.33	1,095.81
034072	CCA-Collections	50287900	CSR-2 Collections Rep	2,109.00	46.06	29,284.81	640.03	324.05	964.08
034072	CCA-Collections	50349619	CSR-3 Collections Rep	2,331.00	51.67	38,121.09	844.91	427.79	1,272.70
034072	CCA-Collections	50536559	Collection Liaison	400.00	8.84	10,192.50	225.50	114.17	339.67
034072 Total				65,397.05	1,406.51	1,167,419.84	\$25,185.37	\$12,751.61	\$37,936.98
034073	CCA-Operations & Performance	3016378	Analyst Traffic & Scheduling	2,080.00	46.02	49,720.06	1,100.54	557.21	1,657.75
034073	CCA-Operations & Performance	3016460	Sr Analyst Financial	2,080.00	46.02	80,396.52	1,778.28	900.36	2,678.64

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed	Amount	Amount Billed	Overhead	Total Billed to
Unit					to TN	to TN	to TN	TN	TN
034073	CCA-Operations & Performance	3016788	Analyst Traffic & Scheduling	2,080.00	46.02	48,876.80	1,080.56	547.10	1,627.66
034073	CCA-Operations & Performance	3016866	Sr Analyst Financial	2,080.00	46.02	74,541.01	1,649.21	835.01	2,484.22
034073	CCA-Operations & Performance	3017169	Intnd Financial Analyst	2,080.00	45.77	59,011.89	1,298.59	657.49	1,956.08
034073	CCA-Operations & Performance	50048770	Analyst Traffic & Scheduling	2,080.00	46.02	44,418.70	983.54	497.98	1,481.52
034073	CCA-Operations & Performance	50104098	Analyst Traffic & Scheduling	2,080.00	46.02	41,026.67	907.24	459.34	1,366.58
034073	CCA-Operations & Performance	50113909	Analyst Traffic & Scheduling	2,080.00	46.02	41,146.34	909.89	460.69	1,370.58
034073	CCA-Operations & Performance	50224685	Mgr Traffic Scheduling CSC	1,312.00	29.05	58,684.23	1,299.36	657.88	1,957.24
034073	CCA-Operations & Performance	50399062	Analyst Traffic & Scheduling	1,840.00	40.70	37,439.87	828.96	419.71	1,248.67
034073	CCA-Operations & Performance	50511442	Dir Operations II	216.00	4.77	11,423.16	252.45	127.82	380.27
034073 Total				20,008.00	442.46	546,685.25	\$12,088.62	\$6,120.59	\$18,209.21
034074	CCA-Business Services	3000129	Specialist Business Svcs WQ	2,080.00	46.02	62,179.87	1,375.35	696.35	2,071.70
034074	CCA-Business Services	3000197	Sr Specialist Business Svcs	440.00	9.72	17,920.10	396.00	200.50	596.50
034074	CCA-Business Services	3016241	Sr Specialist Business Svcs	2,080.00	46.02	67,325.27	1,489.20	754.00	2,243.20
034074	CCA-Business Services	3016883	Mgr Quality CSC	160.00	3.54	5,389.56	119.17	60.34	179.51
034074	CCA-Business Services	3017079	Supvr Business Services CSC	920.00	17.19	25,487.30	477.61	241.82	719.43
034074	CCA-Business Services	3017079	Supvr Business Services IDA	1,160.00	25.64	32,859.90	726.41	367.79	1,094.20
034074	CCA-Business Services	3017162	Sr Specialist Business Svcs	2,080.00	46.02	57,396.10	1,269.80	642.91	1,912.71
034074	CCA-Business Services	9015384	Sr Specialist Business Svcs	480.00	10.61	16,401.01	362.40	183.49	545.89
034074	CCA-Business Services	22004830	Mgr Business Services	2,080.00	46.02	121,339.12	2,685.51	1,359.70	4,045.21
034074	CCA-Business Services	24006612	Sr Specialist Business Svcs	2,080.00	46.02	82,702.00	1,829.79	926.44	2,756.23
034074	CCA-Business Services	50021281	Specialist Escalation CSC (N)	1,809.50	40.05	32,073.27	709.38	359.17	1,068.55
034074	CCA-Business Services	50026042	Specialist Escalation CSC (N)	2,088.50	46.21	45,837.83	1,014.37	513.59	1,527.96
034074	CCA-Business Services	50087119	Specialist Escalation CSC (N)	2,151.50	47.64	47,567.17	1,052.90	533.09	1,585.99
034074	CCA-Business Services	50109267	Specialist Escalation CSC (N)	377.75	8.36	6,794.50	150.42	76.16	226.58
034074	CCA-Business Services	50122433	Specialist Business Svcs	2,080.00	46.02	46,883.22	1,036.50	524.79	1,561.29
034074	CCA-Business Services	50122457	Specialist Escalation CSC (N)	2,084.50	46.12	36,330.83	804.58	407.37	1,211.95
034074 Total				24,151.75	531.22	704,487.05	\$15,499.39	\$7,847.51	\$23,346.90
034075	CCA-Education & Development	3016243	Sr Spec Educ & Staff Dev	2,080.00	46.02	59,577.69	1,318.85	667.75	1,986.60
034075	CCA-Education & Development	3016523	Spec Educ & Staff Dev (N)	2,207.75	48.85	47,031.66	1,040.58	526.86	1,567.44
034075	CCA-Education & Development	3016666	Spec Educ & Staff Dev (N)	2,119.75	46.90	45,657.09	1,010.08	511.41	1,521.49
034075	CCA-Education & Development	50015291	Mgr Educ & Staff Development	1,200.00	26.52	40,052.99	885.01	448.09	1,333.10
034075	CCA-Education & Development	50015291	Mgr Educ Dev & Quality	880.00	19.50	28,827.60	639.20	323.63	962.83
034075	CCA-Education & Development	50122292	Training Asst (N)	1,280.00	28.34	20,532.71	454.78	230.26	685.04
034075	CCA-Education & Development	50176161	Sr Spec Educ & Staff Dev	2,080.00	45.96	54,432.43	1,203.61	609.40	1,813.01
034075	CCA-Education & Development	50184754	Sr Spec Educ & Staff Dev	2,080.00	45.78	55,458.48	1,220.58	617.99	1,838.57
034075	CCA-Education & Development	50187268	Training Asst (N)	2,080.00	45.92	38,959.67	860.79	435.83	1,296.62
034075	CCA-Education & Development	50202870	Sr Spec Educ & Staff Dev	2,080.00	45.27	57,762.63	1,257.36	636.61	1,893.97
034075	CCA-Education & Development	50235170	Spec Educ & Staff Dev (N)	1,200.00	26.58	23,756.52	525.97	266.30	792.27
034075	CCA-Education & Development	50543639	Spec Educ & Staff Dev (N)	80.00	1.77	1,750.00	38.70	19.59	58.29
034075 Total				19,367.50	427.41	473,799.47	\$10,455.51	\$5,293.72	\$15,749.23
034517	BVLAB-Water Quality	3000171	Chemist III	2,080.00	48.88	58,248.48	1,368.90	693.09	2,061.99
034517	BVLAB-Water Quality	3000175	Mgr Chemistry	2,080.00	48.79	87,240.17	2,046.26	1,036.04	3,082.30
034517	BVLAB-Water Quality	3000202	Mgr QA/QC Water Quality	2,080.00	48.88	84,512.60	1,986.31	1,005.69	2,992.00
034517	BVLAB-Water Quality	3001616	Chemist I (N)	2,096.75	49.27	50,971.03	1,198.18	606.65	1,804.83
034517	BVLAB-Water Quality	3001952	Chemist I (N)	2,081.00	48.90	49,808.73	1,170.29	592.53	1,762.82
034517	BVLAB-Water Quality	3003152	Chemist I (N)	2,090.00	49.12	45,239.07	1,062.82	538.12	1,600.94
034517	BVLAB-Water Quality	3016075	Chemist III	2,080.00	48.88	60,391.06	1,419.98	718.95	2,138.93
034517	BVLAB-Water Quality	3016077	Sr Lab Analyst	21.50	0.51	688.40	16.17	8.19	24.36
034517	BVLAB-Water Quality	3016770	Clerk Documentation (N)	1,703.00	40.02	28,485.16	669.16	338.80	1,007.96
034517	BVLAB-Water Quality	3016770	Sr Clerk Documentation (N)	242.00	5.69	4,301.10	101.09	51.18	152.27
034517	BVLAB-Water Quality	3018540	Specialist QA/QC	1,680.00	39.48	49,182.70	1,155.56	585.07	1,740.63
034517	BVLAB-Water Quality	9000272	Clerk Accounting (N)	2,080.00	48.88	37,122.86	872.89	441.95	1,314.84
034517	BVLAB-Water Quality	9015109	Mgr Chemistry	2,080.00	48.88	79,567.37	1,869.12	946.35	2,815.47
034517	BVLAB-Water Quality	17003593	Chemist I (N)	2,088.50	49.08	52,261.17	1,227.90	621.70	1,849.60
034517	BVLAB-Water Quality	17010878	Chemist I (N)	2,080.00	48.88	54,701.73	1,285.14	650.68	1,935.82
034517	BVLAB-Water Quality	50052706	Chemist I (N)	1,925.00	45.24	47,629.50	1,119.19	566.66	1,685.85
034517	BVLAB-Water Quality	50052706	Chemist II	160.00	3.76	4,301.18	101.02	51.15	152.17
034517	BVLAB-Water Quality	50062494	Maint Tech (N)	2,087.00	49.04	34,792.08	818.22	414.27	1,232.49
034517	BVLAB-Water Quality	50074759	Specialist QA/QC	2,080.00	48.88	63,792.56	1,498.66	758.79	2,257.45
034517	BVLAB-Water Quality	50087002	Chemist II	1,862.75	43.77	44,619.85	1,047.82	530.52	1,578.34
034517	BVLAB-Water Quality	50101249	Specialist Human Resources (N)	2,083.50	48.96	45,620.97	1,071.85	542.69	1,614.54
034517	BVLAB-Water Quality	50180178	Chemist I (N)	40.00	0.94	860.55	20.20	10.23	30.43
034517	BVLAB-Water Quality	50180178	Chemist II	2,040.00	47.94	44,655.86	1,049.39	531.32	1,580.71
034517	BVLAB-Water Quality	50202917	Chemist I (N)	2,004.50	47.11	39,313.73	924.32	467.99	1,392.31
034517	BVLAB-Water Quality	50202917	Chemist II	80.00	1.88	1,765.93	41.51	21.02	62.53
034517	BVLAB-Water Quality	50210444	Clerk Sample Custody I (N)	2,105.25	49.47	28,926.74	680.04	344.31	1,024.35
034517	BVLAB-Water Quality	50267294	Chemist I (N)	2,044.00	48.03	40,155.31	943.71	477.81	1,421.52
034517	BVLAB-Water Quality	50267294	Sr Lab Tech (N)	43.50	1.02	888.09	20.88	10.57	31.45
034517	BVLAB-Water Quality	50271984	Chemist III	2,080.00	48.88	59,973.30	1,409.80	713.80	2,123.60
034517	BVLAB-Water Quality	50329833	Clerk Documentation (N)	1,847.75	43.42	26,397.81	620.08	313.95	934.03
034517	BVLAB-Water Quality	50329833	Sr Clerk Documentation (N)	240.00	5.64	3,792.91	89.10	45.11	134.21
034517	BVLAB-Water Quality	50412272	Lead Clerk Sample Custody (N)	934.50	21.96	14,830.35	348.38	176.39	524.77
034517	BVLAB-Water Quality	50414501	Clerk Documentation (N)	1,778.25	41.79	24,552.97	576.89	292.09	868.98
034517	BVLAB-Water Quality	50414501	Sr Clerk Documentation (N)	240.00	5.64	3,677.42	86.40	43.75	130.15
034517	BVLAB-Water Quality	50415680	Dir Laboratory	2,080.00	48.88	150,520.00	3,536.60	1,790.62	5,327.22
034517	BVLAB-Water Quality	50425928	Chemist I (N)	2,073.50	48.73	42,965.98	1,009.68	511.21	1,520.89
034517	BVLAB-Water Quality	50428124	Chemist I (N)	2,086.00	49.02	40,547.43	952.49	482.26	1,434.75
034517	BVLAB-Water Quality	50429624	Chemist I (N)	40.00	0.94	1,048.80	24.64	12.48	37.12
034517	BVLAB-Water Quality	50429624	Chemist II	1,880.00	44.18	49,293.60	1,158.28	586.45	1,744.73
034517	BVLAB-Water Quality	50429624	Chemist III	160.00	3.76	4,531.20	106.51	53.93	160.44
034517	BVLAB-Water Quality	50429804	Chemist III	2,080.00	48.88	54,528.30	1,281.20	648.68	1,929.88
034517	BVLAB-Water Quality	50437054	Chemist I (N)	80.00	1.88	1,541.60	36.20	18.33	54.53
034517	BVLAB-Water Quality	50437054	Lab Tech (N)	40.00	0.94	665.36	15.64	7.92	23.56
034517	BVLAB-Water Quality	50437054	Sr Lab Tech (N)	1,961.50	46.10	33,194.92	780.31	395.08	1,175.39
034517	BVLAB-Water Quality	50437064	Lab Tech (N)	40.00	0.94	665.36	15.63	7.91	23.54
034517	BVLAB-Water Quality	50437064	Sr Lab Tech (N)	1,520.00	35.72	26,417.40	620.90	314.37	935.27

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
034517	BVLAB-Water Quality	50454287	Chemist I (N)	160.00	3.76	3,089.60	72.63	36.77	109.40
034517	BVLAB-Water Quality	50454287	Sr Lab Tech (N)	1,920.00	45.12	33,175.80	780.18	395.01	1,175.19
034517	BVLAB-Water Quality	50527693	Clerk Sample Custody I (N)	809.50	19.02	10,906.21	256.21	129.72	385.93
034517 Total				69,169.25	1,625.38	1,726,360.30	\$40,564.33	\$20,538.15	\$61,102.48
035002	SE-Network	24007519	Admin Support Rep (N)	560.00	4.00	11,415.72	81.56	41.29	122.85
035002 Total				560.00	4.00	11,415.72	\$81.56	\$41.29	\$122.85
035003	SE-Customer Relations	3018195	Supt FRCC	80.00	2.78	2,429.50	84.55	42.81	127.36
035003	SE-Customer Relations	24006893	Coordinator FRCC	80.00	1.67	1,577.10	32.94	16.68	49.62
035003	SE-Customer Relations	24007368	Dir Customer Relations	80.00	5.57	3,556.60	247.50	125.31	372.81
035003	SE-Customer Relations	50251097	Coordinator FRCC	80.00	10.00	1,620.15	202.50	102.53	305.03
035003	SE-Customer Relations	50254106	Coordinator FRCC	80.00	2.78	1,804.00	62.80	31.80	94.60
035003	SE-Customer Relations	50420133	Supvr FRCC	80.00	1.25	2,030.10	31.70	16.05	47.75
035003	SE-Customer Relations	50441519	Coordinator FRCC	80.00	0.28	1,542.32	5.37	2.72	8.09
035003 Total				560.00	24.33	14,559.77	\$667.36	\$337.90	\$1,005.26
035007	SE-Finance	3014901	Dir Rates	2,080.00	501.16	163,850.39	39,427.40	19,962.49	59,389.89
035007	SE-Finance	3014906	Mgr Rates	2,080.00	30.50	93,748.24	1,351.72	684.39	2,036.11
035007	SE-Finance	3015919	Mgr Rates	2,080.00	545.25	105,615.38	27,767.17	14,058.80	41,825.97
035007	SE-Finance	24007334	Mgr Rates	560.00	3.34	27,699.01	165.24	83.66	248.90
035007	SE-Finance	28007828	Financial Analyst III (Rates)	2,079.00	282.00	80,517.21	10,920.95	5,529.39	16,450.34
035007	SE-Finance	50196432	Mgr Rates	1,240.00	0.09	61,838.31	4.47	2.26	6.73
035007	SE-Finance	50291850	Mgr FP&A	1,200.00	97.73	56,794.14	4,630.34	2,344.39	6,974.73
035007	SE-Finance	50340389	Financial Analyst III (Rates)	2,080.00	604.75	63,592.61	18,509.89	9,371.74	27,881.63
035007	SE-Finance	50343492	Dir Finance Division	2,080.00	183.32	168,152.75	14,817.74	7,502.37	22,320.11
035007	SE-Finance	50343550	Regional Dir Finance	320.00	4.10	25,600.00	327.86	166.00	493.86
035007	SE-Finance	50352084	Dir FP&A	560.00	1.60	36,236.34	103.54	52.42	155.96
035007	SE-Finance	50382129	Mgr Project Finance (BD)	560.00	0.63	21,279.18	22.96	11.62	34.58
035007	SE-Finance	50398100	Sr Mgr Compliance (Region)	560.00	38.98	37,159.46	2,586.47	1,309.56	3,896.03
035007	SE-Finance	50406143	Financial Analyst II (FP&A)	560.00	560.00	16,940.00	16,940.00	8,576.89	25,516.89
035007	SE-Finance	50429727	Mgr FP&A	560.00	16.70	26,923.40	803.10	406.62	1,209.72
035007	SE-Finance	50430854	Financial Analyst III (Region)	560.00	38.98	21,175.00	1,473.50	746.05	2,219.55
035007	SE-Finance	50481432	Exec Asst (N)	2,088.00	183.72	46,382.94	4,077.17	2,064.31	6,141.48
035007	SE-Finance	50487219	Mgr FP&A	448.00	39.65	21,784.58	1,928.11	976.22	2,904.33
035007	SE-Finance	50495191	Financial Analyst II (Rates)	784.00	46.00	26,653.98	1,548.12	783.83	2,331.95
035007	SE-Finance	50525790	Financial Analyst II (FP&A)	840.00	73.92	30,673.40	2,699.16	1,366.61	4,065.77
035007 Total				23,319.00	3,252.40	1,132,616.32	\$150,104.91	\$75,999.62	\$226,104.53
035010	SE-Supply Chain	17000430	Mgr Procurement	2,080.00	146.66	110,796.25	7,812.18	3,955.38	11,767.56
035010 Total				2,080.00	146.66	110,796.25	\$7,812.18	\$3,955.38	\$11,767.56
035014	SE-Engineering	24017842	Mgr Engineering (Medium/Small)	2,080.00	(10.02)	102,009.93	(481.85)	(243.97)	(725.82)
035014 Total				2,080.00	(10.02)	102,009.93	(\$481.85)	(\$243.97)	(\$725.82)
035015	SE-Legal	24007332	Regional General Counsel	560.00	(9.19)	51,182.60	(839.68)	(425.14)	(1,264.82)
035015	SE-Legal	24007408	Paralegal (N)	589.00	(6.12)	18,617.81	(188.15)	(95.26)	(283.41)
035015	SE-Legal	24007529	Exec Asst (N)	560.00	4.45	14,454.92	114.98	58.22	173.20
035015	SE-Legal	50329035	Corp Counsel III Regional	2,040.00	268.50	120,037.05	15,794.70	7,997.01	23,791.71
035015	SE-Legal	50331042	Legal Secy (N)	1,947.25	201.00	41,057.48	4,201.62	2,127.32	6,328.94
035015	SE-Legal	50341602	Corp Counsel III Regional	2,080.00	6.66	132,199.03	419.73	212.51	632.24
035015	SE-Legal	50481431	Exec Asst (N)	160.50	14.12	3,508.77	308.83	156.36	465.19
035015	SE-Legal	50535540	Regional General Counsel	427.00	44.87	53,110.98	5,219.42	2,642.64	7,862.06
035015 Total				8,363.75	524.29	434,168.64	\$25,031.45	\$12,673.66	\$37,705.11
035016	SE-Maintenance	10007785	Dir Maintenance	320.00	16.46	15,476.83	795.89	402.97	1,198.86
035016	SE-Maintenance	12006173	Sr Specialist Maint Service(N)	2,210.00	459.88	72,325.16	14,620.28	7,402.39	22,022.67
035016	SE-Maintenance	24007401	Sr Dir Maintnc & SCADA Svcs	2,080.00	45.40	162,922.85	3,558.80	1,801.86	5,360.66
035016	SE-Maintenance	26000062	Sr Specialist SCADA (N)	2,097.00	1,177.00	67,440.03	37,852.81	19,165.26	57,018.07
035016 Total				6,707.00	1,698.74	318,164.87	\$56,827.78	\$28,772.48	\$85,600.26
035019	SE-Operational Risk	9007986	Sr Specialist ORM	880.00	5.46	29,864.95	189.05	95.72	284.77
035019 Total				880.00	5.46	29,864.95	\$189.05	\$95.72	\$284.77
035020	SE-Business Development	28007541	Dir Business Development	1,280.00	10.33	91,384.09	737.34	373.32	1,110.66
035020	SE-Business Development	50144183	Sr Mgr Business Dev	1,480.00	(24.50)	100,986.09	(1,595.56)	(807.85)	(2,403.41)
035020	SE-Business Development	50401267	Sr Mgr Business Dev	2,080.00	586.00	118,612.51	33,454.74	16,938.47	50,393.21
035020 Total				4,840.00	571.83	310,982.69	\$32,596.52	\$16,503.94	\$49,100.46
035025	SE-External Affairs	12000035	Mgr Int Comm (State)	1,360.00	144.90	57,443.27	6,085.12	3,080.96	9,166.08
035025	SE-External Affairs	50395960	Dir Comm & EA (State)	400.00	70.24	28,443.00	4,994.50	2,528.77	7,523.27
035025	SE-External Affairs	50395960	Mgr Ext Affairs (State)	80.00	14.05	3,461.50	607.80	307.74	915.54
035025	SE-External Affairs	50403171	Admin Asst (N)	1,654.00	253.72	34,049.90	5,151.11	2,608.06	7,759.17
035025	SE-External Affairs	50403171	Exec Asst (N)	480.00	42.24	10,384.20	913.80	462.67	1,376.47
035025	SE-External Affairs	50414379	Mgr Cust Comm (State)	2,080.00	362.51	83,897.80	14,621.30	7,402.91	22,024.21
035025	SE-External Affairs	50437110	Mgr Internal Comm (Corp)	160.00	14.08	6,538.40	575.40	291.33	866.73
035025	SE-External Affairs	50524088	Dir Comm & EA (Div)	880.00	77.44	77,884.70	5,214.10	2,639.95	7,854.05
035025 Total				7,094.00	979.18	302,102.77	\$38,163.13	\$19,322.39	\$57,485.52
035503	ED-Customer Relations	12000085	Supvr Regional Support	960.00	84.78	30,000.00	2,649.50	1,341.47	3,990.97
035503	ED-Customer Relations	12000143	Mgr Customer Advocacy	560.00	49.56	21,000.00	1,858.50	940.98	2,799.48
035503	ED-Customer Relations	12000143	Mgr Operations Support FRCC	1,520.00	134.06	58,938.00	5,198.40	2,632.00	7,830.40
035503	ED-Customer Relations	12000159	Spec Bill/Pymt Collection (N)	2,080.00	183.64	45,373.60	4,005.99	2,028.27	6,034.26
035503	ED-Customer Relations	50220274	Coordinator FRCC	1,920.00	169.48	41,088.00	3,626.82	1,836.30	5,463.12
035503	ED-Customer Relations	50266099	Supvr FRCC	2,080.00	183.62	52,103.20	4,599.34	2,328.69	6,928.03
035503	ED-Customer Relations	50345342	Analyst Premise QA (N)	2,083.00	183.58	41,240.89	3,635.02	1,840.45	5,475.47
035503	ED-Customer Relations	50348220	Coordinator FRCC	2,073.00	183.02	45,009.77	3,974.01	2,012.08	5,986.09
035503	ED-Customer Relations	50389389	Coordinator FRCC	2,080.00	183.62	45,161.80	3,987.45	2,018.89	6,006.34
035503	ED-Customer Relations	50480389	Dir Customer Relations	2,080.00	183.62	106,918.10	9,438.69	4,778.90	14,217.59
035503	ED-Customer Relations	50483399	Mgr Billing/Collection & Pymt	2,040.00	180.09	73,691.57	6,505.60	3,293.85	9,799.45
035503	ED-Customer Relations	50485188	Admin Asst (N)	2,135.75	188.55	44,779.56	3,953.48	2,001.69	5,955.17
035503	ED-Customer Relations	50485190	Coordinator FRCC	2,080.00	183.62	45,161.80	3,987.43	2,018.88	6,006.31
035503	ED-Customer Relations	50485192	Operations Support Rep II (N)	80.00	7.07	1,264.80	111.80	56.61	168.41
035503	ED-Customer Relations	50485192	Regional Svc Support Rep (N)	2,060.00	181.14	32,857.93	2,889.04	1,462.75	4,351.79
035503	ED-Customer Relations	50485194	Administrator FRCC System (N)	2,092.00	184.68	45,554.73	4,022.08	2,036.42	6,058.50
035503	ED-Customer Relations	50485197	Operations Support Rep II (N)	80.00	7.07	1,264.80	111.80	56.61	168.41
035503	ED-Customer Relations	50485197	Regional Svc Support Rep (N)	2,109.60	186.25	34,005.56	3,002.01	1,519.95	4,521.96

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
035503	ED-Customer Relations	50485200	Coordinator FRCC	1,840.00	162.38	40,026.53	3,532.78	1,788.68	5,321.46
035503	ED-Customer Relations	50485200	Regional Svc Support Rep (N)	292.50	25.89	4,940.71	437.18	221.35	658.53
035503	ED-Customer Relations	50485203	Analyst Premise QA (N)	2,088.00	184.33	40,752.60	3,597.74	1,821.57	5,419.31
035503	ED-Customer Relations	50485204	Operations Support Rep II (N)	80.00	7.07	1,264.80	111.80	56.61	168.41
035503	ED-Customer Relations	50485204	Regional Svc Support Rep (N)	2,056.88	181.58	32,776.59	2,893.12	1,464.82	4,357.94
035503	ED-Customer Relations	50485205	Coordinator FRCC	2,080.00	183.62	45,162.54	3,987.28	2,018.80	6,006.08
035503	ED-Customer Relations	50485206	Regional Svc Support Rep (N)	1,291.42	113.61	20,929.05	1,841.18	932.21	2,773.39
035503	ED-Customer Relations	50485207	Operations Support Rep II (N)	82.00	7.25	1,312.23	115.99	58.73	174.72
035503	ED-Customer Relations	50485207	Regional Svc Support Rep (N)	2,127.25	187.80	34,425.30	3,038.82	1,538.58	4,577.40
035503	ED-Customer Relations	50485208	Coordinator FRCC	2,080.00	183.62	45,161.80	3,987.45	2,018.89	6,006.34
035503	ED-Customer Relations	50485210	Operations Support Rep II (N)	80.00	7.07	1,264.80	111.80	56.61	168.41
035503	ED-Customer Relations	50485210	Regional Svc Support Rep (N)	2,028.50	179.07	32,114.69	2,834.73	1,435.25	4,269.98
035503	ED-Customer Relations	50485211	Coordinator FRCC	2,080.00	183.62	45,161.80	3,987.44	2,018.88	6,006.32
035503	ED-Customer Relations	50485215	Coordinator FRCC	2,080.00	183.62	45,161.80	3,987.43	2,018.88	6,006.31
035503	ED-Customer Relations	50485250	Operations Support Rep II (N)	80.00	7.07	1,264.80	111.80	56.61	168.41
035503	ED-Customer Relations	50485250	Regional Svc Support Rep (N)	2,016.50	178.01	31,835.18	2,809.96	1,422.71	4,232.67
035503	ED-Customer Relations	50485272	Coordinator FRCC	1,840.00	162.38	40,026.53	3,532.78	1,788.68	5,321.46
035503	ED-Customer Relations	50485272	Regional Svc Support Rep (N)	270.00	23.90	4,560.00	403.50	204.30	607.80
035503	ED-Customer Relations	50485335	Coordinator FRCC	2,080.00	183.62	45,161.80	3,987.45	2,018.89	6,006.34
035503	ED-Customer Relations	50502009	Coordinator FRCC	1,840.00	162.38	39,512.80	3,487.40	1,765.71	5,253.11
035503	ED-Customer Relations	50502010	Regional Svc Support Rep (N)	987.74	86.87	15,834.99	1,392.47	705.02	2,097.49
035503	ED-Customer Relations	50502012	Operations Support Rep II (N)	83.25	7.36	1,341.88	118.62	60.06	178.68
035503	ED-Customer Relations	50502012	Regional Svc Support Rep (N)	1,871.25	164.78	29,924.07	2,635.01	1,334.13	3,969.14
035503	ED-Customer Relations	50502017	Coordinator FRCC	1,840.00	162.38	39,512.80	3,487.42	1,765.72	5,253.14
035503	ED-Customer Relations	50502843	Operations Support Rep II (N)	84.24	7.45	1,365.35	120.68	61.10	181.78
035503	ED-Customer Relations	50502843	Regional Svc Support Rep (N)	1,812.82	159.47	28,584.78	2,514.41	1,273.07	3,787.48
035503	ED-Customer Relations	50528219	Operations Support Rep II (N)	80.50	7.12	1,251.63	110.63	56.01	166.64
035503	ED-Customer Relations	50528219	Regional Svc Support Rep (N)	603.00	53.31	9,362.01	827.50	418.97	1,246.47
035503 Total				65,889.20	5,814.13	1,445,407.97	\$127,561.33	\$64,585.63	\$192,146.96
036516	NE-Maintenance	50320612	Dir Maintenance	2,080.00	4.28	142,993.39	294.81	149.27	444.08
036516 Total				2,080.00	4.28	142,993.39	\$294.81	\$149.27	\$444.08
036550	CORP-COE-Engineering	3000555	Dir Engineering - Construction	2,080.00	32.69	135,065.61	2,128.29	1,077.57	3,205.86
036550	CORP-COE-Engineering	3001285	Sr Engr Construction	2,080.00	13.11	109,274.90	689.83	349.27	1,039.10
036550	CORP-COE-Engineering	3001904	Sr Engr Construction	2,080.00	12.57	97,907.89	592.45	299.96	892.41
036550	CORP-COE-Engineering	3017574	Sr Construction Insp (PA/NJ)	2,008.00	4.48	76,939.26	172.36	87.27	259.63
036550	CORP-COE-Engineering	50089917	Specialist Engrg (N)	40.00	0.90	946.15	21.30	10.78	32.08
036550	CORP-COE-Engineering	50209009	Sr Engr Construction	2,080.00	374.14	99,608.42	17,927.78	9,077.01	27,004.79
036550	CORP-COE-Engineering	50323977	Specialist Engrg (N)	80.00	1.49	2,019.20	37.47	18.97	56.44
036550	CORP-COE-Engineering	50323977	Sr Engineering Tech	2,000.00	42.29	53,845.33	1,138.03	576.20	1,714.23
036550	CORP-COE-Engineering	50357507	Sr Engr Construction	2,080.00	19.90	103,607.09	991.35	501.93	1,493.28
036550	CORP-COE-Engineering	50376817	Engr Construction	2,080.00	15.06	82,879.59	601.22	304.40	905.62
036550	CORP-COE-Engineering	50408163	Engr Construction	2,080.00	12.32	63,387.59	374.71	189.72	564.43
036550	CORP-COE-Engineering	50529546	Intern	424.00	9.08	5,512.00	118.04	59.76	177.80
036550 Total				19,112.00	538.03	830,993.03	\$24,792.83	\$12,552.84	\$37,345.67
036551	CORP-COE-Technical Services	3000260	Sr Engr Design	2,080.00	21.45	106,461.66	1,098.60	556.23	1,654.83
036551	CORP-COE-Technical Services	3000364	Sr Drafter CAD Design	2,080.00	21.76	61,596.91	645.73	326.94	972.67
036551	CORP-COE-Technical Services	3000487	Practice Lead Engineering	2,080.00	13.73	111,191.63	729.93	369.57	1,099.50
036551	CORP-COE-Technical Services	3000822	Sr Engr Design	2,080.00	8.63	99,607.86	413.98	209.60	623.58
036551	CORP-COE-Technical Services	3002816	Dir Engineering - Tech Svcs	2,080.00	32.77	133,017.33	2,093.98	1,060.20	3,154.18
036551	CORP-COE-Technical Services	3016132	Sr Engr Planning	2,080.00	14.89	88,015.50	631.61	319.79	951.40
036551	CORP-COE-Technical Services	18690011	Engr Design	2,080.00	14.80	80,315.20	571.20	289.20	860.40
036551	CORP-COE-Technical Services	50323981	Project Engr	2,080.00	27.68	77,968.54	1,037.53	525.31	1,562.84
036551	CORP-COE-Technical Services	50401362	Engr Design	2,080.00	8.14	81,515.33	319.36	161.70	481.06
036551	CORP-COE-Technical Services	50425989	Sr Engr Design	2,080.00	12.83	113,301.78	698.83	353.82	1,052.65
036551 Total				20,800.00	176.68	952,991.74	\$8,240.75	\$4,172.36	\$12,413.11
037005	CCP-Administration	50235003	Admin Asst (N)	800.00	17.68	13,461.89	297.87	150.81	448.68
037005	CCP-Administration	50235003	Receptionist (N)	470.50	10.40	5,975.51	131.81	66.74	198.55
037005 Total				1,270.50	28.08	19,437.40	\$429.68	\$217.55	\$647.23
037070	CCP-Call Handling	50181342	CSR-3 Call Handling Rep	1,901.75	43.28	26,032.94	592.63	300.05	892.68
037070	CCP-Call Handling	50181343	CSR-2 Call Handling Rep	2,609.25	59.42	38,959.74	887.84	449.52	1,337.36
037070	CCP-Call Handling	50181344	CSR-3 Call Handling Rep	1,341.75	30.52	19,094.51	434.63	220.06	654.69
037070	CCP-Call Handling	50181795	CSR-3 Call Handling Rep	1,582.25	36.02	21,641.82	492.67	249.44	742.11
037070	CCP-Call Handling	50181798	Team Supvr Call Handling	1,920.00	43.50	38,608.88	875.19	443.12	1,318.31
037070	CCP-Call Handling	50181800	Team Supvr Call Handling	2,080.00	47.22	41,119.63	933.12	472.45	1,405.57
037070	CCP-Call Handling	50188829	CSR-3 Call Handling Rep	1,147.00	26.14	15,676.90	357.03	180.77	537.80
037070	CCP-Call Handling	50188840	CSR-3 Call Handling Rep	2,133.25	48.55	30,638.10	698.38	353.60	1,051.98
037070	CCP-Call Handling	50188937	CSR-3 Call Handling Rep	138.25	3.11	2,049.16	46.07	23.33	69.40
037070	CCP-Call Handling	50188945	Team Supvr Call Handling	2,079.00	47.32	41,433.49	942.64	477.27	1,419.91
037070	CCP-Call Handling	50190167	CSR-3 Call Handling Rep	2,037.25	46.37	27,864.93	633.74	320.87	954.61
037070	CCP-Call Handling	50190205	Team Supvr Call Handling	2,080.00	47.34	41,399.67	942.99	477.45	1,420.44
037070	CCP-Call Handling	50193708	CSR-1 Call Handling Rep	101.00	2.30	1,619.85	36.91	18.69	55.60
037070	CCP-Call Handling	50193708	CSR-3 Call Handling Rep	2,314.50	52.60	35,243.81	801.26	405.69	1,206.95
037070	CCP-Call Handling	50193711	CSR-3 Call Handling Rep	1,783.00	40.60	24,387.82	555.12	281.06	836.18
037070	CCP-Call Handling	50193713	CSR-3 Call Handling Rep	1,991.50	45.34	28,513.76	649.53	328.86	978.39
037070	CCP-Call Handling	50193714	CSR-3 Call Handling Rep	1,652.00	37.61	23,516.39	535.77	271.27	807.04
037070	CCP-Call Handling	50193717	CSR-3 Call Handling Rep	2,227.00	50.68	31,486.11	716.02	362.53	1,078.55
037070	CCP-Call Handling	50193722	Team Supvr Call Handling	2,080.00	47.34	40,936.39	932.57	472.17	1,404.74
037070	CCP-Call Handling	50193724	CSR-2 Call Handling Rep	2,128.25	48.44	28,547.36	650.39	329.30	979.69
037070	CCP-Call Handling	50193728	CSR-3 Call Handling Rep	1,981.50	45.08	27,953.22	635.59	321.81	957.40
037070	CCP-Call Handling	50194878	CSR-3 Call Handling Rep	2,135.00	48.59	30,923.80	703.36	356.12	1,059.48
037070	CCP-Call Handling	50198892	Team Supvr Call Handling	2,080.00	47.34	47,320.77	1,077.84	545.72	1,623.56
037070	CCP-Call Handling	50198898	Team Supvr Call Handling	1,305.00	29.69	26,119.76	594.04	300.77	894.81
037070	CCP-Call Handling	50198931	CSR-3 Call Handling Rep	192.75	4.39	2,582.85	58.82	29.78	88.60
037070	CCP-Call Handling	50198932	CSR-1 Call Handling Rep	423.75	9.66	5,565.15	127.09	64.35	191.44
037070	CCP-Call Handling	50198934	CSR-3 Call Handling Rep	2,120.00	48.26	28,953.92	658.86	333.59	992.45
037070	CCP-Call Handling	50198935	Supvr Call Handling Group	2,080.00	47.34	54,069.75	1,229.99	622.76	1,852.75

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
037070	CCP-Call Handling	50198939	CSR-4 Technical Coordinator	2,125.75	48.22	35,562.20	806.20	408.19	1,214.39
037070	CCP-Call Handling	50198948	Team Supvr Call Handling	2,016.00	45.92	39,837.66	907.49	459.47	1,366.96
037070	CCP-Call Handling	50198949	CSR-3 Call Handling Rep	1,874.75	42.67	25,121.65	571.52	289.37	860.89
037070	CCP-Call Handling	50198951	CSR-4 Technical Coordinator	2,126.50	48.24	31,829.23	721.55	365.33	1,086.88
037070	CCP-Call Handling	50198953	CSR-1 Call Handling Rep	2,083.00	47.42	27,355.09	623.59	315.73	939.32
037070	CCP-Call Handling	50198954	CSR-1 Call Handling Rep	1,749.00	39.76	23,221.86	528.54	267.61	796.15
037070	CCP-Call Handling	50198955	CSR-1 Call Handling Rep	1,977.50	45.03	25,982.95	592.45	299.96	892.41
037070	CCP-Call Handling	50198958	Team Supvr Call Handling	2,080.00	47.34	40,905.16	930.33	471.04	1,401.37
037070	CCP-Call Handling	50198960	Team Supvr Call Handling	2,080.00	47.34	41,042.40	934.76	473.28	1,408.04
037070	CCP-Call Handling	50198962	CSR-1 Call Handling Rep	9.25	0.21	751.86	17.14	8.68	25.82
037070	CCP-Call Handling	50198963	CSR-1 Call Handling Rep	2,049.75	46.67	26,918.54	613.70	310.72	924.42
037070	CCP-Call Handling	50198987	Team Supvr Call Handling	2,080.00	47.34	40,321.17	916.94	464.26	1,381.20
037070	CCP-Call Handling	50198991	Supvr Call Handling Group	2,080.00	47.34	55,363.56	1,259.66	637.78	1,897.44
037070	CCP-Call Handling	50198998	CSR-1 Call Handling Rep	2,120.00	48.26	27,840.95	634.68	321.34	956.02
037070	CCP-Call Handling	50210463	CSR-3 Call Handling Rep	1,271.50	28.94	17,073.10	388.33	196.62	584.95
037070	CCP-Call Handling	50210464	CSR-1 Call Handling Rep	2,096.75	47.72	27,535.68	627.65	317.79	945.44
037070	CCP-Call Handling	50210465	CSR-1 Call Handling Rep	2,125.75	48.39	28,021.54	638.77	323.42	962.19
037070	CCP-Call Handling	50210535	CSR-1 Call Handling Rep	1,472.25	33.49	19,334.52	440.31	222.93	663.24
037070	CCP-Call Handling	50210562	CSR-3 Call Handling Rep	2,120.75	48.27	28,641.55	651.25	329.73	980.98
037070	CCP-Call Handling	50210569	CSR-1 Call Handling Rep	1,744.00	39.67	22,903.30	521.57	264.08	785.65
037070	CCP-Call Handling	50210572	CSR-1 Call Handling Rep	1,892.00	43.13	24,846.89	567.29	287.22	854.51
037070	CCP-Call Handling	50210573	CSR-1 Call Handling Rep	2,104.50	47.90	27,637.41	630.01	318.98	948.99
037070	CCP-Call Handling	50210585	CSR-1 Call Handling Rep	1,739.00	39.64	22,798.18	520.53	263.55	784.08
037070	CCP-Call Handling	50210589	Supvr Call Handling Group	2,120.00	48.26	55,927.71	1,272.46	644.26	1,916.72
037070	CCP-Call Handling	50212276	CSR-4 Technical Coordinator	1,995.75	45.30	29,664.35	672.99	340.74	1,013.73
037070	CCP-Call Handling	50212326	CSR-1 Call Handling Rep	561.25	12.72	7,370.71	167.24	84.68	251.92
037070	CCP-Call Handling	50212327	Team Supvr Call Handling	2,080.00	47.34	41,371.94	942.37	477.13	1,419.50
037070	CCP-Call Handling	50212330	CSR-1 Call Handling Rep	2,135.75	48.61	28,061.06	639.65	323.86	963.51
037070	CCP-Call Handling	50212335	Team Supvr Call Handling	2,080.00	47.28	41,479.61	942.13	477.01	1,419.14
037070	CCP-Call Handling	50212417	CSR-1 Call Handling Rep	1,989.00	45.28	26,120.61	595.58	301.55	897.13
037070	CCP-Call Handling	50214915	CSR-1 Call Handling Rep	2,124.00	48.35	27,893.64	635.85	321.94	957.79
037070	CCP-Call Handling	50214919	CSR-1 Call Handling Rep	1,974.50	44.94	25,930.44	590.90	299.18	890.08
037070	CCP-Call Handling	50214932	CSR-1 Call Handling Rep	2,099.00	47.77	27,565.36	628.29	318.11	946.40
037070	CCP-Call Handling	50214934	CSR-1 Call Handling Rep	2,120.00	48.26	27,840.94	634.66	321.33	955.99
037070	CCP-Call Handling	50217612	CSR-1 Call Handling Rep	1,924.75	43.80	25,277.05	576.04	291.65	867.69
037070	CCP-Call Handling	50217632	CSR-1 Call Handling Rep	1,492.75	33.95	18,943.08	430.38	217.91	648.29
037070	CCP-Call Handling	50217638	CSR-1 Call Handling Rep	2,098.50	47.76	27,558.77	628.22	318.07	946.29
037070	CCP-Call Handling	50217646	CSR-3 Call Handling Rep	-	-	214.40	4.76	2.41	7.17
037070	CCP-Call Handling	50217661	CSR-1 Call Handling Rep	2,045.75	46.53	26,865.97	611.96	309.84	921.80
037070	CCP-Call Handling	50233843	CSR-4 Technical Coordinator	2,057.75	46.71	30,585.13	693.87	351.31	1,045.18
037070	CCP-Call Handling	50234996	CSR-1 Call Handling Rep	1,087.75	24.72	14,588.10	331.41	167.80	499.21
037070	CCP-Call Handling	50234998	CSR-1 Call Handling Rep	849.00	19.31	11,153.51	254.09	128.65	382.74
037070	CCP-Call Handling	50234998	CSR-3 Call Handling Rep	80.00	1.82	1,072.56	24.45	12.38	36.83
037070	CCP-Call Handling	50235006	CSR-1 Call Handling Rep	1,856.75	42.30	24,383.92	556.28	281.65	837.93
037070	CCP-Call Handling	50240657	Mgr Call Handling	2,080.00	47.34	78,319.15	1,782.60	902.55	2,685.15
037070	CCP-Call Handling	50240681	CSR-3 Call Handling Rep	2,082.50	47.40	28,028.50	637.47	322.76	960.23
037070	CCP-Call Handling	50240684	CSR-1 Call Handling Rep	1,859.25	42.32	24,417.14	556.17	281.59	837.76
037070	CCP-Call Handling	50240688	CSR-1 Call Handling Rep	1,967.75	44.79	25,861.46	589.43	298.43	887.86
037070	CCP-Call Handling	50240688	CSR-3 Call Handling Rep	80.00	1.82	1,072.56	24.45	12.38	36.83
037070	CCP-Call Handling	50240693	CSR-1 Call Handling Rep	2,041.75	46.48	27,125.44	618.39	313.10	931.49
037070	CCP-Call Handling	50249148	CSR-1 Call Handling Rep	320.25	7.17	4,205.71	94.17	47.68	141.85
037070	CCP-Call Handling	50249151	CSR-1 Call Handling Rep	1,717.75	39.12	22,578.53	514.89	260.69	775.58
037070	CCP-Call Handling	50249970	CSR-1 Call Handling Rep	218.50	4.85	2,869.46	63.67	32.24	95.91
037070	CCP-Call Handling	50249971	CSR-1 Call Handling Rep	2,080.00	47.34	27,315.75	622.65	315.25	937.90
037070	CCP-Call Handling	50250239	CSR-1 Call Handling Rep	1,570.75	35.72	21,048.05	478.29	242.16	720.45
037070	CCP-Call Handling	50250239	CSR-3 Call Handling Rep	407.25	9.29	5,457.15	124.25	62.91	187.16
037070	CCP-Call Handling	50251221	CSR-3 Call Handling Rep	572.00	12.95	7,872.55	178.38	90.32	268.70
037070	CCP-Call Handling	50275454	CSR-1 Call Handling Rep	539.00	12.25	7,183.70	163.38	82.72	246.10
037070	CCP-Call Handling	50275454	CSR-3 Call Handling Rep	156.75	3.57	2,089.10	47.77	24.19	71.96
037070	CCP-Call Handling	50275456	CSR-1 Call Handling Rep	51.50	1.14	653.55	14.51	7.35	21.86
037070	CCP-Call Handling	50275459	CSR-1 Call Handling Rep	703.00	16.03	7,581.68	172.64	87.41	260.05
037070	CCP-Call Handling	50275459	CSR-4 Technical Coordinator	160.00	3.55	2,396.40	53.24	26.96	80.20
037070	CCP-Call Handling	50275464	CSR-1 Call Handling Rep	2,113.75	48.11	26,823.57	609.51	308.60	918.11
037070	CCP-Call Handling	50275469	CSR-1 Call Handling Rep	1,988.25	45.25	25,230.98	573.33	290.28	863.61
037070	CCP-Call Handling	50276499	CSR-1 Call Handling Rep	1,699.00	38.66	22,694.54	516.34	261.43	777.77
037070	CCP-Call Handling	50276499	CSR-3 Call Handling Rep	400.00	9.12	5,352.01	122.08	61.81	183.89
037070	CCP-Call Handling	50276529	CSR-3 Call Handling Rep	1,861.25	42.40	24,806.26	565.10	286.12	851.22
037070	CCP-Call Handling	50277448	Team Supvr Call Handling	2,080.00	47.34	42,930.42	976.63	494.48	1,471.11
037070	CCP-Call Handling	50282850	CSR-1 Call Handling Rep	7.75	0.18	605.90	13.81	6.99	20.80
037070	CCP-Call Handling	50284018	CSR-1 Call Handling Rep	226.50	5.08	2,874.34	64.35	32.58	96.93
037070	CCP-Call Handling	50284062	Supvr Floor (N)	2,085.75	47.48	36,835.94	838.45	424.52	1,262.97
037070	CCP-Call Handling	50284064	CSR-1 Call Handling Rep	1,111.50	25.29	14,105.05	320.51	162.28	482.79
037070	CCP-Call Handling	50284071	CSR-1 Call Handling Rep	1,951.25	44.38	24,761.45	562.25	284.67	846.92
037070	CCP-Call Handling	50284081	CSR-2 Call Handling Rep	1,512.50	34.39	20,161.94	458.37	232.08	690.45
037070	CCP-Call Handling	50284081	CSR-3 Call Handling Rep	400.00	9.12	5,331.00	121.50	61.52	183.02
037070	CCP-Call Handling	50284085	CSR-4 Technical Coordinator	2,100.25	47.64	31,326.95	710.20	359.58	1,069.78
037070	CCP-Call Handling	50284124	CSR-1 Call Handling Rep	1,609.25	36.63	20,421.54	464.28	235.07	699.35
037070	CCP-Call Handling	50284177	CSR-1 Call Handling Rep	1,373.25	31.28	17,426.60	396.29	200.65	596.94
037070	CCP-Call Handling	50287980	CSR-1 Call Handling Rep	2,123.50	48.33	26,947.25	612.32	310.02	922.34
037070	CCP-Call Handling	50287987	CSR-1 Call Handling Rep	1,169.75	26.61	14,844.27	337.31	170.78	508.09
037070	CCP-Call Handling	50287996	CSR-1 Call Handling Rep	2,080.25	47.35	26,398.38	599.72	303.64	903.36
037070	CCP-Call Handling	50289377	CSR-1 Call Handling Rep	2,084.25	47.45	26,449.20	601.25	304.42	905.67
037070	CCP-Call Handling	50289381	Team Supvr Call Handling	2,080.00	47.34	40,905.12	930.30	471.02	1,401.32
037070	CCP-Call Handling	50289477	CSR-3 Call Handling Rep	127.00	2.86	1,704.40	38.33	19.41	57.74
037070	CCP-Call Handling	50289478	CSR-1 Call Handling Rep	1,846.75	42.05	23,435.37	532.83	269.78	802.61
037070	CCP-Call Handling	50295456	CSR-3 Call Handling Rep	2,118.00	48.21	28,775.64	655.26	331.76	987.02

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
037070	CCP-Call Handling	50295466	CSR-1 Call Handling Rep	144.00	3.28	2,741.04	62.41	31.60	94.01
037070	CCP-Call Handling	50295495	CSR-1 Call Handling Rep	1,710.00	38.90	22,888.97	520.75	263.66	784.41
037070	CCP-Call Handling	50295495	CSR-3 Call Handling Rep	409.00	9.33	5,493.00	125.18	63.38	188.56
037070	CCP-Call Handling	50295499	CSR-1 Call Handling Rep	2,053.75	46.75	26,062.11	592.15	299.81	891.96
037070	CCP-Call Handling	50295500	Supvr Floor (N)	2,092.75	47.63	36,541.36	831.66	421.08	1,252.74
037070	CCP-Call Handling	50296468	CSR-1 Call Handling Rep	1,637.00	37.25	21,914.96	498.58	252.44	751.02
037070	CCP-Call Handling	50296468	CSR-3 Call Handling Rep	352.50	8.04	4,736.99	107.96	54.66	162.62
037070	CCP-Call Handling	50296585	CSR-1 Call Handling Rep	2,065.00	47.00	26,209.66	595.50	301.51	897.01
037070	CCP-Call Handling	50296619	CSR-1 Call Handling Rep	1,943.50	44.24	24,801.18	563.84	285.48	849.32
037070	CCP-Call Handling	50303482	CSR-1 Call Handling Rep	1,861.75	42.38	22,876.48	521.76	264.17	785.93
037070	CCP-Call Handling	50303492	CSR-2 Call Handling Rep	873.00	19.86	11,904.94	270.82	137.12	407.94
037070	CCP-Call Handling	50304310	CSR-1 Call Handling Rep	2,070.25	47.00	25,424.94	578.16	292.73	870.89
037070	CCP-Call Handling	50304324	CSR-3 Call Handling Rep	1,696.50	38.65	22,615.00	515.09	260.80	775.89
037070	CCP-Call Handling	50304325	CSR-1 Call Handling Rep	637.25	14.58	7,811.05	178.98	90.62	269.60
037070	CCP-Call Handling	50310030	CSR-1 Call Handling Rep	2,097.25	47.73	25,706.99	586.18	296.79	882.97
037070	CCP-Call Handling	50310063	CSR-1 Call Handling Rep	1,776.75	40.43	21,778.34	496.39	251.33	747.72
037070	CCP-Call Handling	50310116	CSR-1 Call Handling Rep	1,756.25	39.90	21,526.99	489.89	248.04	737.93
037070	CCP-Call Handling	50314488	Team Supvr Call Handling	2,080.00	47.28	43,501.08	988.52	500.50	1,489.02
037070	CCP-Call Handling	50320571	Team Supvr Call Handling	1,992.00	45.34	38,801.44	882.55	446.84	1,329.39
037070	CCP-Call Handling	50320577	CSR-3 Call Handling Rep	1,777.50	40.48	22,896.61	521.82	264.20	786.02
037070	CCP-Call Handling	50320654	CSR-3 Call Handling Rep	1,687.75	38.54	22,539.37	514.55	260.52	775.07
037070	CCP-Call Handling	50320656	CSR-3 Call Handling Rep	-	-	1,066.24	23.67	11.98	35.65
037070	CCP-Call Handling	50320693	CSR-3 Call Handling Rep	2,126.25	48.38	28,887.65	657.53	332.91	990.44
037070	CCP-Call Handling	50320712	CSR-1 Call Handling Rep	2,088.00	47.53	26,429.69	600.55	304.06	904.61
037070	CCP-Call Handling	50320730	CSR-1 Call Handling Rep	1,932.25	43.98	24,242.29	551.20	279.08	830.28
037070	CCP-Call Handling	50345374	CSR-3 Call Handling Rep	2,119.75	48.25	28,251.02	642.89	325.50	968.39
037070	CCP-Call Handling	50345380	CSR-3 Call Handling Rep	1,629.00	37.07	21,845.48	496.95	251.61	748.56
037070	CCP-Call Handling	50345385	CSR-3 Call Handling Rep	2,188.00	49.81	29,245.73	665.78	337.09	1,002.87
037070	CCP-Call Handling	50349598	CSR-3 Call Handling Rep	2,129.00	48.46	28,550.08	649.79	329.00	978.79
037070	CCP-Call Handling	50349601	CSR-3 Call Handling Rep	1,827.75	41.62	24,491.56	557.70	282.37	840.07
037070	CCP-Call Handling	50349604	CSR-3 Call Handling Rep	2,038.50	46.40	27,274.59	620.73	314.28	935.01
037070	CCP-Call Handling	50349612	CSR-1 Call Handling Rep	2,085.00	47.45	25,556.45	582.60	294.98	877.58
037070	CCP-Call Handling	50349613	CSR-4 Technical Coordinator	2,044.75	46.39	30,573.33	693.22	350.98	1,044.20
037070	CCP-Call Handling	50349616	CSR-3 Call Handling Rep	1,802.25	41.00	24,123.02	548.60	277.76	826.36
037070	CCP-Call Handling	50349630	CSR-4 Technical Coordinator	2,123.00	48.16	31,554.17	715.44	362.23	1,077.67
037070	CCP-Call Handling	50355345	CSR-3 Call Handling Rep	301.25	6.80	4,033.05	91.00	46.07	137.07
037070	CCP-Call Handling	50355350	CSR-3 Call Handling Rep	2,169.50	49.38	29,475.21	671.22	339.85	1,011.07
037070	CCP-Call Handling	50355359	CSR-3 Call Handling Rep	1,946.00	44.29	26,489.16	602.70	305.15	907.85
037070	CCP-Call Handling	50367882	CSR-1 Call Handling Rep	1,981.75	45.10	24,291.19	553.85	280.42	834.27
037070	CCP-Call Handling	50367884	CSR-1 Call Handling Rep	1,749.50	39.84	21,444.28	489.12	247.65	736.77
037070	CCP-Call Handling	50367885	CSR-1 Call Handling Rep	821.25	18.65	10,066.35	229.04	115.97	345.01
037070	CCP-Call Handling	50367928	CSR-1 Call Handling Rep	1,743.25	39.73	21,379.93	488.06	247.11	735.17
037070	CCP-Call Handling	50367929	CSR-1 Call Handling Rep	2,132.50	48.54	26,139.00	596.02	301.77	897.79
037070	CCP-Call Handling	50367942	CSR-3 Call Handling Rep	2,124.00	48.34	27,438.39	624.73	316.31	941.04
037070	CCP-Call Handling	50367950	CSR-1 Call Handling Rep	1,948.00	44.33	23,877.46	544.30	275.58	819.88
037070	CCP-Call Handling	50376835	CSR-1 Call Handling Rep	1,322.00	30.09	15,659.19	356.31	180.40	536.71
037070	CCP-Call Handling	50376844	CSR-1 Call Handling Rep	974.25	22.21	11,540.15	263.09	133.21	396.30
037070	CCP-Call Handling	50376857	CSR-1 Call Handling Rep	2,052.25	46.71	24,308.89	553.13	280.06	833.19
037070	CCP-Call Handling	50376858	CSR-1 Call Handling Rep	1,404.50	31.93	17,034.50	386.96	195.92	582.88
037070	CCP-Call Handling	50376867	CSR-1 Call Handling Rep	2,048.25	46.62	24,261.55	552.05	279.51	831.56
037070	CCP-Call Handling	50376903	Team Supvr Call Handling	2,080.00	47.34	41,273.80	939.74	475.80	1,415.54
037070	CCP-Call Handling	50389385	CSR-1 Call Handling Rep	2,031.25	46.23	24,064.65	547.56	277.24	824.80
037070	CCP-Call Handling	50389400	CSR-3 Call Handling Rep	2,105.50	47.93	27,221.44	619.77	313.80	933.57
037070	CCP-Call Handling	50389401	CSR-3 Call Handling Rep	1,027.50	23.35	13,294.16	302.20	153.01	455.21
037070	CCP-Call Handling	50389402	CSR-1 Call Handling Rep	2,117.25	48.19	25,078.83	570.71	288.96	859.67
037070	CCP-Call Handling	50389403	CSR-3 Call Handling Rep	1,589.25	36.16	20,660.13	470.34	238.14	708.48
037070	CCP-Call Handling	50389406	CSR-1 Call Handling Rep	2,128.75	48.45	25,402.53	578.15	292.72	870.87
037070	CCP-Call Handling	50389407	CSR-1 Call Handling Rep	2,034.75	46.32	24,101.68	548.52	277.72	826.24
037070	CCP-Call Handling	50389411	CSR-1 Call Handling Rep	392.00	8.96	4,165.21	95.06	48.13	143.19
037070	CCP-Call Handling	50389411	CSR-3 Call Handling Rep	464.25	10.47	6,038.76	136.29	69.00	205.29
037070	CCP-Call Handling	50389440	CSR-1 Call Handling Rep	2,159.75	49.16	25,795.76	586.97	297.19	884.16
037070	CCP-Call Handling	50391777	CSR-3 Call Handling Rep	1,996.50	45.44	25,873.66	588.95	298.19	887.14
037070	CCP-Call Handling	50409455	CSR-1 Call Handling Rep	487.50	11.07	5,791.20	131.49	66.57	198.06
037070	CCP-Call Handling	50409456	CSR-1 Call Handling Rep	1,885.00	42.92	22,380.36	509.55	257.99	767.54
037070	CCP-Call Handling	50409462	Team Supvr Call Handling	2,080.00	47.34	40,321.14	916.98	464.28	1,381.26
037070	CCP-Call Handling	50409465	CSR-1 Call Handling Rep	2,042.50	46.49	24,257.93	552.10	279.53	831.63
037070	CCP-Call Handling	50409466	CSR-1 Call Handling Rep	1,663.00	37.82	20,590.10	468.12	237.01	705.13
037070	CCP-Call Handling	50409467	CSR-1 Call Handling Rep	2,084.50	47.44	24,744.96	563.13	285.12	848.25
037070	CCP-Call Handling	50409471	CSR-3 Call Handling Rep	2,635.50	59.98	37,082.80	844.05	427.35	1,271.40
037070	CCP-Call Handling	50409484	CSR-1 Call Handling Rep	1,916.50	43.66	22,753.43	518.41	262.48	780.89
037070	CCP-Call Handling	50409485	CSR-1 Call Handling Rep	1,130.50	25.69	13,433.77	305.23	154.54	459.77
037070	CCP-Call Handling	50409490	CSR-1 Call Handling Rep	1,703.00	38.74	20,172.14	458.83	232.31	691.14
037070	CCP-Call Handling	50411415	CSR-3 Call Handling Rep	1,756.75	40.03	23,019.93	524.63	265.63	790.26
037070	CCP-Call Handling	50411421	CSR-3 Call Handling Rep	215.50	4.83	2,799.60	62.84	31.82	94.66
037070	CCP-Call Handling	50411426	CSR-1 Call Handling Rep	2,549.75	58.06	32,878.94	748.56	379.00	1,127.56
037070	CCP-Call Handling	50411429	CSR-3 Call Handling Rep	2,128.25	48.45	27,828.55	633.65	320.82	954.47
037070	CCP-Call Handling	50411431	CSR-3 Call Handling Rep	1,920.00	43.69	25,048.28	570.07	288.63	858.70
037070	CCP-Call Handling	50411448	CSR-3 Call Handling Rep	2,140.75	48.73	27,693.98	630.85	319.41	950.26
037070	CCP-Call Handling	50418994	CSR-3 Call Handling Rep	1,255.75	28.64	16,167.86	368.90	186.78	555.68
037070	CCP-Call Handling	50419050	CSR-3 Call Handling Rep	1,789.25	40.74	23,221.21	528.87	267.77	796.64
037070	CCP-Call Handling	50419055	CSR-3 Call Handling Rep	1,653.25	37.62	21,840.20	497.32	251.80	749.12
037070	CCP-Call Handling	50419070	CSR-1 Call Handling Rep	577.75	13.06	6,843.51	154.76	78.36	233.12
037070	CCP-Call Handling	50419071	CSR-3 Call Handling Rep	2,200.25	50.08	28,828.12	656.54	332.41	988.95
037070	CCP-Call Handling	50419072	CSR-3 Call Handling Rep	1,376.50	31.35	18,002.59	410.14	207.66	617.80
037070	CCP-Call Handling	50419078	CSR-3 Call Handling Rep	2,026.50	46.13	26,928.94	613.32	310.53	923.85
037070	CCP-Call Handling	50419081	CSR-1 Call Handling Rep	319.75	7.18	4,166.49	93.42	47.30	140.72

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business				Hours Billed		Amount Billed		Total Billed to	
Unit	Home Business Unit Description	Employee #	Job Title	Hours	to TN	Amount	to TN	Overhead	TN
037070	CCP-Call Handling	50419084	CSR-3 Call Handling Rep	2,131.25	48.50	27,503.48	626.31	317.11	943.42
037070	CCP-Call Handling	50423540	CSR-1 Call Handling Rep	1,986.50	45.21	23,530.08	535.39	271.07	806.46
037070	CCP-Call Handling	50423551	CSR-1 Call Handling Rep	341.50	7.75	4,721.39	107.23	54.29	161.52
037070	CCP-Call Handling	50423554	CSR-1 Call Handling Rep	2,090.50	47.58	24,761.98	563.48	285.30	848.78
037070	CCP-Call Handling	50423555	CSR-1 Call Handling Rep	1,860.00	42.37	22,048.85	502.24	254.29	756.53
037070	CCP-Call Handling	50423557	CSR-1 Call Handling Rep	618.00	14.04	7,340.23	166.67	84.39	251.06
037070	CCP-Call Handling	50423559	CSR-1 Call Handling Rep	930.50	21.20	11,039.82	251.51	127.34	378.85
037070	CCP-Call Handling	50423560	CSR-1 Call Handling Rep	1,827.50	41.62	21,649.73	493.05	249.64	742.69
037070	CCP-Call Handling	50423561	CSR-1 Call Handling Rep	2,083.75	47.43	24,682.06	561.65	284.37	846.02
037070	CCP-Call Handling	50423564	CSR-1 Call Handling Rep	1,766.75	40.22	21,147.44	481.35	243.71	725.06
037070	CCP-Call Handling	50423568	CSR-1 Call Handling Rep	2,088.00	47.53	24,732.39	562.75	284.93	847.68
037070	CCP-Call Handling	50425957	CSR-1 Call Handling Rep	1,822.25	41.47	21,584.65	491.23	248.71	739.94
037070	CCP-Call Handling	50425958	CSR-1 Call Handling Rep	2,073.75	47.21	24,734.86	562.96	285.03	847.99
037070	CCP-Call Handling	50425960	CSR-1 Call Handling Rep	2,130.00	48.45	25,537.85	580.74	294.03	874.77
037070	CCP-Call Handling	50425961	CSR-1 Call Handling Rep	2,107.50	47.97	25,003.33	568.92	288.05	856.97
037070	CCP-Call Handling	50425962	CSR-1 Call Handling Rep	97.75	2.17	1,157.85	25.67	13.00	38.67
037070	CCP-Call Handling	50425965	CSR-1 Call Handling Rep	2,051.75	46.71	24,402.99	555.50	281.26	836.76
037070	CCP-Call Handling	50425968	CSR-1 Call Handling Rep	2,041.25	46.46	24,730.02	562.67	284.89	847.56
037070	CCP-Call Handling	50425968	CSR-3 Call Handling Rep	80.00	1.82	1,027.20	23.42	11.86	35.28
037070	CCP-Call Handling	50425971	CSR-1 Call Handling Rep	2,129.75	48.48	25,703.40	584.92	296.15	881.07
037070	CCP-Call Handling	50425974	CSR-1 Call Handling Rep	1,648.50	37.51	19,567.99	445.09	225.35	670.44
037070	CCP-Call Handling	50425975	CSR-1 Call Handling Rep	142.00	3.15	1,682.02	37.36	18.92	56.28
037070	CCP-Call Handling	50425978	CSR-1 Call Handling Rep	2,047.50	46.62	24,525.43	558.28	282.66	840.94
037070	CCP-Call Handling	50425979	CSR-1 Call Handling Rep	769.25	17.49	9,111.79	207.07	104.84	311.91
037070	CCP-Call Handling	50428295	CSR-1 Call Handling Rep	724.50	16.44	8,589.23	194.80	98.63	293.43
037070	CCP-Call Handling	50428303	CSR-1 Call Handling Rep	2,083.00	47.41	25,093.14	570.87	289.04	859.91
037070	CCP-Call Handling	50428305	CSR-1 Call Handling Rep	2,046.00	46.57	24,649.37	560.78	283.93	844.71
037070	CCP-Call Handling	50428305	CSR-3 Call Handling Rep	80.00	1.82	1,029.69	23.48	11.89	35.37
037070	CCP-Call Handling	50428313	CSR-1 Call Handling Rep	2,015.00	45.86	24,059.41	547.43	277.17	824.60
037070	CCP-Call Handling	50428313	CSR-3 Call Handling Rep	78.75	1.80	995.07	22.70	11.49	34.19
037070	CCP-Call Handling	50428317	CSR-1 Call Handling Rep	1,819.25	41.41	21,562.62	490.80	248.50	739.30
037070	CCP-Call Handling	50428320	CSR-1 Call Handling Rep	1,950.25	44.37	23,835.66	542.11	274.48	816.59
037070	CCP-Call Handling	50428320	CSR-3 Call Handling Rep	80.50	1.84	1,149.74	26.21	13.27	39.48
037070	CCP-Call Handling	50428325	CSR-1 Call Handling Rep	800.25	18.18	9,603.74	218.12	110.44	328.56
037070	CCP-Call Handling	50428326	CSR-1 Call Handling Rep	2,117.75	48.20	25,210.24	573.69	290.46	864.15
037070	CCP-Call Handling	50428327	CSR-1 Call Handling Rep	2,163.00	49.24	26,261.51	597.64	302.59	900.23
037070	CCP-Call Handling	50428328	CSR-1 Call Handling Rep	2,122.50	48.28	25,538.52	580.80	294.06	874.86
037070	CCP-Call Handling	50428331	CSR-1 Call Handling Rep	2,121.75	48.30	25,489.17	580.01	293.66	873.67
037070	CCP-Call Handling	50428335	CSR-1 Call Handling Rep	1,659.25	37.84	20,056.18	457.36	231.57	688.93
037070	CCP-Call Handling	50428335	CSR-3 Call Handling Rep	81.00	1.85	1,038.70	23.68	11.99	35.67
037070	CCP-Call Handling	50428337	CSR-1 Call Handling Rep	1,229.00	27.98	14,587.61	332.11	168.15	500.26
037070	CCP-Call Handling	50428339	CSR-1 Call Handling Rep	80.00	1.78	983.35	21.82	11.05	32.87
037070	CCP-Call Handling	50428340	CSR-1 Call Handling Rep	2,119.00	48.23	25,286.58	575.29	291.28	866.57
037070	CCP-Call Handling	50428351	CSR-1 Call Handling Rep	2,093.75	47.66	24,800.46	564.32	285.72	850.04
037070	CCP-Call Handling	50479546	CSR-1 Call Handling Rep	706.75	16.07	8,021.95	182.47	92.39	274.86
037070	CCP-Call Handling	50479548	CSR-1 Call Handling Rep	73.75	1.64	818.64	18.17	9.20	27.37
037070	CCP-Call Handling	50479551	CSR-1 Call Handling Rep	1,252.45	28.49	14,326.13	325.75	164.93	490.68
037070	CCP-Call Handling	50479551	CSR-3 Call Handling Rep	46.00	1.05	579.00	13.21	6.69	19.90
037070	CCP-Call Handling	50479553	CSR-1 Call Handling Rep	664.75	15.18	7,262.43	165.59	83.84	249.43
037070	CCP-Call Handling	50479559	CSR-1 Call Handling Rep	1,912.75	43.54	23,355.21	531.93	269.32	801.25
037070	CCP-Call Handling	50479559	CSR-3 Call Handling Rep	120.00	2.74	1,780.51	40.60	20.56	61.16
037070	CCP-Call Handling	50479561	CSR-1 Call Handling Rep	1,328.50	30.24	15,226.72	346.40	175.39	521.79
037070	CCP-Call Handling	50479561	CSR-3 Call Handling Rep	48.00	1.09	604.00	13.78	6.98	20.76
037070	CCP-Call Handling	50498442	CSR-1 Call Handling Rep	132.00	2.94	1,432.20	31.82	16.11	47.93
037070	CCP-Call Handling	50498446	CSR-1 Call Handling Rep	1,283.50	29.23	14,768.11	336.71	170.48	507.19
037070	CCP-Call Handling	50498447	CSR-1 Call Handling Rep	1,362.00	30.97	15,508.32	353.06	178.76	531.82
037070	CCP-Call Handling	50498447	CSR-3 Call Handling Rep	26.25	0.60	336.63	7.67	3.88	11.55
037070	CCP-Call Handling	50498448	CSR-1 Call Handling Rep	1,700.00	38.73	19,385.62	442.07	223.82	665.89
037070	CCP-Call Handling	50498448	CSR-3 Call Handling Rep	104.00	2.37	1,436.06	32.75	16.58	49.33
037070	CCP-Call Handling	50498449	CSR-1 Call Handling Rep	137.25	3.06	1,489.18	33.21	16.81	50.02
037070	CCP-Call Handling	50498452	CSR-1 Call Handling Rep	753.00	17.13	8,584.57	195.46	98.96	294.42
037070	CCP-Call Handling	50500852	CSR-1 Call Handling Rep	466.75	10.58	5,051.05	114.60	58.02	172.62
037070	CCP-Call Handling	50500854	CSR-1 Call Handling Rep	1,448.50	32.96	16,537.39	376.97	190.86	567.83
037070	CCP-Call Handling	50500854	CSR-3 Call Handling Rep	-	-	408.00	9.30	4.71	14.01
037070	CCP-Call Handling	50500855	CSR-1 Call Handling Rep	1,473.50	33.53	16,875.30	384.66	194.76	579.42
037070	CCP-Call Handling	50500855	CSR-3 Call Handling Rep	97.50	2.22	1,337.55	30.50	15.44	45.94
037070	CCP-Call Handling	50500856	CSR-1 Call Handling Rep	1,554.70	35.38	17,856.42	406.73	205.93	612.66
037070	CCP-Call Handling	50500856	CSR-3 Call Handling Rep	100.75	2.30	1,372.27	31.28	15.84	47.12
037070	CCP-Call Handling	50500857	CSR-1 Call Handling Rep	1,467.00	33.38	16,796.31	382.83	193.83	576.66
037070	CCP-Call Handling	50500857	CSR-3 Call Handling Rep	91.00	2.07	1,215.68	27.70	14.02	41.72
037070	CCP-Call Handling	50500858	CSR-1 Call Handling Rep	207.50	4.66	2,203.38	49.56	25.09	74.65
037070	CCP-Call Handling	50500861	CSR-1 Call Handling Rep	1,557.00	35.43	17,878.25	407.32	206.23	613.55
037070	CCP-Call Handling	50500861	CSR-3 Call Handling Rep	101.50	2.31	1,411.14	32.19	16.30	48.49
037070	CCP-Call Handling	50500862	CSR-1 Call Handling Rep	209.00	4.70	2,221.40	50.02	25.33	75.35
037070	CCP-Call Handling	50500864	CSR-1 Call Handling Rep	1,447.25	32.93	16,594.16	378.04	191.41	569.45
037070	CCP-Call Handling	50500867	CSR-1 Call Handling Rep	326.50	7.38	3,498.40	79.16	40.08	119.24
037070	CCP-Call Handling	50500869	CSR-1 Call Handling Rep	1,536.75	34.97	17,549.01	399.84	202.44	602.28
037070	CCP-Call Handling	50500869	CSR-3 Call Handling Rep	85.50	1.95	1,111.14	25.33	12.82	38.15
037070	CCP-Call Handling	50500872	CSR-1 Call Handling Rep	1,531.25	34.84	17,922.72	408.49	206.82	615.31
037070	CCP-Call Handling	50500872	CSR-3 Call Handling Rep	97.75	2.23	1,340.83	30.57	15.48	46.05
037070	CCP-Call Handling	50500874	CSR-1 Call Handling Rep	806.75	18.33	8,895.41	202.28	102.42	304.70
037070	CCP-Call Handling	50500875	CSR-1 Call Handling Rep	468.75	10.62	5,076.70	115.21	58.33	173.54
037070	CCP-Call Handling	50500877	CSR-1 Call Handling Rep	1,581.00	35.98	18,126.21	413.00	209.11	622.11
037070	CCP-Call Handling	50500877	CSR-3 Call Handling Rep	110.75	2.53	1,636.45	37.33	18.90	56.23
037070	CCP-Call Handling	50500883	CSR-1 Call Handling Rep	540.00	12.24	5,868.88	133.23	67.46	200.69
037070	CCP-Call Handling	50500885	CSR-1 Call Handling Rep	1,619.25	36.85	18,767.90	427.61	216.50	644.11

Tennessee American Water Company
Data Request CAPD 1-41 Attachment
AWWSC Billed To TAWC Ended September 2010

Home Business Unit	Home Business Unit Description	Employee #	Job Title	Hours	Hours Billed to TN	Amount	Amount Billed to TN	Overhead	Total Billed to TN
037070	CCP-Call Handling	50500885	CSR-3 Call Handling Rep	118.50	2.70	1,754.88	40.03	20.27	60.30
037070	CCP-Call Handling	50501953	CSR-1 Call Handling Rep	1,655.75	37.69	19,526.33	444.94	225.28	670.22
037070	CCP-Call Handling	50501953	CSR-3 Call Handling Rep	116.50	2.66	1,704.89	38.87	19.68	58.55
037070	CCP-Call Handling	50501954	CSR-1 Call Handling Rep	1,635.50	37.22	19,002.13	432.75	219.11	651.86
037070	CCP-Call Handling	50501954	CSR-3 Call Handling Rep	122.50	2.79	1,754.89	40.03	20.27	60.30
037070	CCP-Call Handling	50528698	CSR-1 Call Handling Rep	712.25	16.26	7,729.49	176.25	89.24	265.49
037070	CCP-Call Handling	50528699	CSR-1 Call Handling Rep	16.00	0.35	169.60	3.74	1.89	5.63
037070	CCP-Call Handling	50528700	CSR-1 Call Handling Rep	448.50	10.25	4,781.72	109.12	55.25	164.37
037070	CCP-Call Handling	50528702	CSR-1 Call Handling Rep	711.50	16.24	7,707.02	175.74	88.98	264.72
037070	CCP-Call Handling	50528703	CSR-1 Call Handling Rep	711.75	16.25	7,718.12	175.98	89.10	265.08
037070	CCP-Call Handling	50528705	CSR-1 Call Handling Rep	701.25	16.01	7,571.99	172.66	87.42	260.08
037070	CCP-Call Handling	50528706	CSR-1 Call Handling Rep	328.00	7.48	3,476.80	79.11	40.05	119.16
037070	CCP-Call Handling	50528708	CSR-1 Call Handling Rep	328.00	7.48	3,476.80	79.11	40.05	119.16
037070	CCP-Call Handling	50528709	CSR-1 Call Handling Rep	699.25	15.97	7,579.91	172.81	87.50	260.31
037070	CCP-Call Handling	50528714	CSR-1 Call Handling Rep	718.75	16.41	7,856.50	179.14	90.70	269.84
037070	CCP-Call Handling	50528715	CSR-1 Call Handling Rep	729.00	16.64	7,981.27	182.02	92.16	274.18
037070	CCP-Call Handling	50528716	CSR-1 Call Handling Rep	713.25	16.28	7,736.59	176.40	89.31	265.71
037070	CCP-Call Handling	50528717	CSR-1 Call Handling Rep	491.50	11.21	5,250.74	119.57	60.54	180.11
037070	CCP-Call Handling	50528718	CSR-1 Call Handling Rep	727.25	16.60	7,978.68	181.91	92.10	274.01
037070	CCP-Call Handling	50528719	CSR-1 Call Handling Rep	715.25	16.33	7,824.67	178.41	90.33	268.74
037070	CCP-Call Handling	50528720	CSR-1 Call Handling Rep	457.25	10.45	4,877.27	111.30	56.35	167.65
037070	CCP-Call Handling	50528722	CSR-1 Call Handling Rep	248.00	5.65	2,628.80	59.81	30.28	90.09
037070	CCP-Call Handling	50528723	CSR-1 Call Handling Rep	712.50	16.27	7,717.26	175.94	89.08	265.02
037070	CCP-Call Handling	50528724	CSR-1 Call Handling Rep	703.50	16.06	7,640.80	174.24	88.22	262.46
037070	CCP-Call Handling	50529563	CSR-1 Call Handling Rep	424.50	9.70	4,523.12	103.22	52.26	155.48
037070	CCP-Call Handling	50530577	CSR-1 Call Handling Rep	60.00	1.37	636.00	14.52	7.35	21.87
037070	CCP-Call Handling	50530579	CSR-1 Call Handling Rep	395.00	9.01	4,239.32	96.78	49.00	145.78
037070	CCP-Call Handling	50530583	CSR-1 Call Handling Rep	411.00	9.37	4,416.79	100.78	51.03	151.81
037070	CCP-Call Handling	50530584	CSR-1 Call Handling Rep	306.25	6.98	3,258.99	74.39	37.66	112.05
037070	CCP-Call Handling	50530586	CSR-1 Call Handling Rep	408.00	9.30	4,393.64	100.25	50.76	151.01
037070	CCP-Call Handling	50530588	CSR-1 Call Handling Rep	150.50	3.42	1,595.30	36.26	18.36	54.62
037070	CCP-Call Handling	50530589	CSR-1 Call Handling Rep	390.00	8.89	4,186.52	95.57	48.39	143.96
037070	CCP-Call Handling	50530591	CSR-1 Call Handling Rep	115.00	2.61	1,219.00	27.67	14.01	41.68
037070	CCP-Call Handling	50530593	CSR-1 Call Handling Rep	403.25	9.19	4,333.38	98.88	50.06	148.94
037070	CCP-Call Handling	50530594	CSR-1 Call Handling Rep	416.00	9.48	4,522.43	103.18	52.24	155.42
037070	CCP-Call Handling	50538462	CSR-1 Call Handling Rep	303.25	6.91	3,214.45	73.16	37.04	110.20
037070	CCP-Call Handling	50538463	CSR-1 Call Handling Rep	312.00	7.11	3,307.20	75.27	38.11	113.38
037070	CCP-Call Handling	50538464	CSR-1 Call Handling Rep	305.00	6.95	3,233.00	73.58	37.25	110.83
037070	CCP-Call Handling	50538465	CSR-1 Call Handling Rep	304.00	6.93	3,222.40	73.34	37.13	110.47
037070	CCP-Call Handling	50538466	CSR-1 Call Handling Rep	304.00	6.93	3,222.40	73.34	37.13	110.47
037070	CCP-Call Handling	50538467	CSR-1 Call Handling Rep	37.00	0.84	392.20	8.93	4.52	13.45
037070	CCP-Call Handling	50538468	CSR-1 Call Handling Rep	312.25	7.12	3,311.18	75.36	38.16	113.52
037070	CCP-Call Handling	50538469	CSR-1 Call Handling Rep	304.25	6.94	3,226.38	73.43	37.18	110.61
037070	CCP-Call Handling	50538470	CSR-1 Call Handling Rep	48.00	1.09	508.80	11.58	5.86	17.44
037070	CCP-Call Handling	50538471	CSR-1 Call Handling Rep	312.25	7.12	3,311.18	75.36	38.16	113.52
037070	CCP-Call Handling	50538472	CSR-1 Call Handling Rep	312.00	7.11	3,307.20	75.27	38.11	113.38
037070	CCP-Call Handling	50538473	CSR-1 Call Handling Rep	312.25	7.12	3,311.18	75.36	38.16	113.52
037070	CCP-Call Handling	50538474	CSR-1 Call Handling Rep	304.25	6.94	3,226.38	73.43	37.18	110.61
037070	CCP-Call Handling	50538475	CSR-1 Call Handling Rep	307.00	7.00	3,254.20	74.07	37.50	111.57
037070	CCP-Call Handling	50538476	CSR-1 Call Handling Rep	311.00	7.09	3,297.93	75.06	38.00	113.06
037070	CCP-Call Handling	50538477	CSR-1 Call Handling Rep	305.00	6.95	3,233.00	73.58	37.25	110.83
037070	CCP-Call Handling	50538478	CSR-1 Call Handling Rep	297.25	6.78	3,152.18	71.74	36.32	108.06
037070	CCP-Call Handling	50546572	CSR-1 Call Handling Rep	53.25	1.21	591.09	13.49	6.83	20.32
037070	CCP-Call Handling	50546577	CSR-1 Call Handling Rep	92.00	2.10	1,132.21	25.77	13.05	38.82
037070	CCP-Call Handling	50546580	CSR-1 Call Handling Rep	78.75	1.80	885.24	20.13	10.19	30.32
037070	CCP-Call Handling	50546582	CSR-1 Call Handling Rep	77.25	1.76	891.13	20.28	10.27	30.55
037070	CCP-Call Handling	50546594	CSR-1 Call Handling Rep	59.75	1.36	663.24	15.13	7.66	22.79
037070	CCP-Call Handling	50546620	CSR-1 Call Handling Rep	54.00	1.23	599.40	13.68	6.93	20.61
037070	CCP-Call Handling	50546621	CSR-1 Call Handling Rep	57.75	1.32	656.29	14.93	7.56	22.49
037070	CCP-Call Handling	50546626	CSR-1 Call Handling Rep	80.50	1.84	940.75	21.41	10.84	32.25
037070 Total				441,575.40	10,048.77	6,047,344.83	\$137,623.53	\$69,680.27	\$207,303.80
037073	CCP-Operations and Support	50105941	Analyst Traffic & Scheduling	2,080.00	46.02	52,996.45	1,172.09	593.44	1,765.53
037073	CCP-Operations and Support	50181794	Analyst Traffic & Scheduling	2,083.00	46.09	48,047.79	1,062.85	538.13	1,600.98
037073 Total				4,163.00	92.11	101,044.24	\$2,234.94	\$1,131.57	\$3,366.51
037075	CCP-Education & Development	3016238	Specialist Performance (N)	2,080.00	46.02	49,229.30	1,089.20	551.47	1,640.67
037075	CCP-Education & Development	3016350	Specialist Performance (N)	2,080.00	46.02	47,634.06	1,054.63	533.97	1,588.60
037075	CCP-Education & Development	3016667	Analyst QA (N)	2,080.00	46.02	46,903.45	1,037.04	525.06	1,562.10
037075	CCP-Education & Development	3016671	Specialist Performance (N)	2,077.00	45.96	42,138.53	931.85	471.80	1,403.65
037075	CCP-Education & Development	3016687	Specialist Performance (N)	2,069.00	45.78	46,834.89	1,036.87	524.98	1,561.85
037075	CCP-Education & Development	3016883	Mgr Quality CSC	880.00	19.45	28,953.09	640.20	324.14	964.34
037075	CCP-Education & Development	3017735	Mgr Quality CSC	400.00	8.88	14,755.00	327.53	165.83	493.36
037075	CCP-Education & Development	3018005	Specialist Performance (N)	80.00	1.77	1,567.40	34.60	17.52	52.12
037075	CCP-Education & Development	3018070	Analyst QA (N)	2,080.00	46.02	41,803.92	925.16	468.42	1,393.58
037075	CCP-Education & Development	3018180	Specialist Opns & Perf Rptg(N)	884.75	19.55	21,625.88	477.91	241.97	719.88
037075	CCP-Education & Development	17009339	Specialist Performance (N)	348.50	7.71	8,955.06	198.28	100.39	298.67
037075	CCP-Education & Development	50019724	Analyst QA (N)	2,071.50	45.84	41,853.02	926.53	469.11	1,395.64
037075	CCP-Education & Development	50027572	Analyst QA (N)	2,076.50	45.95	38,396.90	848.60	429.65	1,278.25
037075	CCP-Education & Development	50043493	Specialist Performance (N)	80.00	1.77	1,588.90	35.15	17.80	52.95
037075	CCP-Education & Development	50113938	Specialist Performance (N)	100.50	2.24	2,199.62	49.04	24.83	73.87
037075	CCP-Education & Development	50193730	Analyst QA (N)	2,106.75	46.65	37,387.60	828.07	419.26	1,247.33
037075	CCP-Education & Development	50198894	Analyst QA (N)	2,004.25	44.35	35,501.98	785.02	397.46	1,182.48
037075	CCP-Education & Development	50198913	Analyst QA (N)	2,079.50	46.01	36,520.16	808.17	409.18	1,217.35
037075	CCP-Education & Development	50233830	Specialist Performance (N)	80.00	1.77	1,586.60	35.10	17.77	52.87
037075	CCP-Education & Development	50319820	Analyst QA (N)	2,047.00	45.29	37,638.00	833.16	421.84	1,255.00
037075 Total				27,705.25	613.06	583,073.36	12,902.11	6,532.45	19,434.56
Grand Total				2,521,403.90	67,653.38	75,467,281.44	\$2,031,385.67	\$1,028,511.11	\$3,059,896.78

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

42. Provide the actual percentages used in Tier Two allocation of AWWSC charges to each American Water affiliate for the test period ending March 31, 2010. Indicate in your response the date of the factors used to develop the actual percentages.

Response:

Current year Tier Two allocation formulas are prepared using year-end customer data from the previous calendar year. Since TAWC's test year ended March 2010, it contained formulas referencing two different year-end periods. Test year data from January 2009 through December 2009 used formulas which were based on customers as of December 2008. Test year data from January 2010 to March 2010 used formulas based on December 2009 customer values.

Please see the attached document labeled as TN-CAPD-01-PART III-Q42-ATTACHMENT for the Tier Two formulas from both periods mentioned above.

Formula #	Formula Description	Factors Used	Company/Co #															
			AWK - 02	Serv Co-03	CA - 05	IL - 09	IN - 10	IA - 11	KY - 12	MD - 13	MI - 16	MO - 17	NJ - 18	NM - 19	AWR - 21	OH - 22	AZ - 23	PA - 24
100001	CP-ALL REGULATED CO'S (W & WW)	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100014	WE-ALL REGION REGULATED	Regional Customers			48.20%									4.78%			44.23%	
100015	WE-ALL REGION REGULATED-NO O/H	Regional Customers			48.20%									4.78%			44.23%	
100020	WE-CAPEX	Regional Customers			48.20%									4.78%			44.23%	
100021	WE-CAPEX-NO O/H	Regional Customers			48.20%									4.78%			44.23%	
100032	CE-ALL REGION REGULATED	Regional Customers		26.18%	24.14%	5.16%					0.31%	38.86%				4.91%		
100033	CE-ALL REGION REGULATED-NO O/H	Regional Customers		26.18%	24.14%	5.16%					0.31%	38.86%				4.91%		
100038	CE-CAPEX	Regional Customers		26.18%	24.14%	5.16%					0.31%	38.86%				4.91%		
100039	CE-CAPEX-NO O/H	Regional Customers		26.18%	24.14%	5.16%					0.31%	38.86%				4.91%		
100052	SE-ALL REGION REGULATED	Regional Customers							11.06%	0.45%								60.38%
100053	SE-ALL REGION REGULATED-NO O/H	Regional Customers							11.06%	0.45%								60.38%
100058	SE-CAPEX	Regional Customers							11.06%	0.45%								60.38%
100059	SE-CAPEX-NO O/H	Regional Customers							11.06%	0.45%								60.38%
100074	NE-ALL REGION REGULATED	Regional Customers											89.62%					
100075	NE-ALL REGION REGULATED-NO O/H	Regional Customers											89.62%					
100109	EPA TEST SURFACE H2O AU0216	Nat'l Special		9.80%	9.60%	2.08%	3.77%	0.17%	3.77%	0.17%	0.14%	15.39%	12.76%	0.50%		1.90%	2.68%	21.93%
100111	SUPPLY CHAIN CAPEX-ALL REG'S	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100217	REVIEW OF POLICIES AU0428	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100233	CP-ALL REGULATED WASTE WTR CO	Nat'l Wastewater		15.69%	0.33%		0.51%		0.51%			0.78%	20.54%			4.66%	36.05%	11.91%
100523	CP-ALL REGULATED CO-NO O/H	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100527	ENDOCRINE DISRUPT SUBST AU0217	Nat'l Water & Wastewater Customers		8.99%	8.92%	1.91%	3.72%	0.15%	3.72%	0.15%	0.12%	14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100528	NEG. PRESSURE TRANSIENT AU0218	Nat'l Water & Wastewater Customers		8.99%	8.92%	1.91%	3.72%	0.15%	3.72%	0.15%	0.12%	14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100529	EVALUATE ORTHOPHOSPHATE AU0256	Special		7.68%	2.85%		10.73%	0.36%					32.35%			0.10%	3.34%	17.87%
100533	CP-ALL REGULATED WATER CO'S	Nat'l Water & Wastewater Customers		8.99%	8.92%	1.91%	3.72%	0.15%	3.72%	0.15%	0.12%	14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100534	DATABASE-WST WTR PLANTS AU0204	Nat'l Water Customers		8.99%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100535	CROSS-CONNECT&BACKFLOW AU0208	Nat'l Water & Wastewater Customers		8.99%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.61%	3.34%	19.90%
100569	SEVERANCE - CORPORATE	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100570	SEVERANCE - NORTHEAST REGION	Regional Customers											89.62%					
100572	SEVERANCE - WESTERN REGION	Regional Customers												4.78%			44.23%	
100573	SEVERANCE - CENTRAL REGION	Regional Customers		26.18%	24.14%	5.16%					0.31%	38.86%				4.91%		
100590	FAIL ONLY ORION PIPE ASM STUDY	Nat'l Special		11.40%	8.00%	1.09%	3.64%	0.07%	3.64%	0.07%	0.06%	17.35%	25.08%	0.54%		1.83%	2.40%	13.38%
100591	AUTO METER READING MGT STUDY	Special		3.65%	2.60%	0.51%	0.75%	0.07%	0.75%	0.07%	0.07%	23.37%	16.80%	0.25%		1.17%	0.55%	40.64%
100592	SUPPLY CHAIN WE-CAPEX ALL REG	Regional Customers												4.78%			44.23%	
100595	SUPPLY CHAIN SE-CAPEX ALL REG	Regional Customers		26.18%	24.14%	5.16%			11.06%	0.45%								60.38%
100596	SUPPLY CHAIN CE-CAPEX ALL REG	Regional Customers																
100597	SUPPLY CHAIN NE-CAPEX ALL REG	Regional Customers																
100736	CP-CAPEX REGULATED CO'S ONLY	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100784	AF DIVESTITURE SUPPORT RECOVER	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100785	AF REGULATORY APPROVAL RECOVER	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100858	MANAGE COLIFORMS & E.COLI	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100859	LEAK REPAIR STUDY	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100862	AF DIVESTITURE SUPPORT - CER	Regional Customers		26.17%	24.14%	5.16%					0.31%	38.86%				4.91%		
100863	AF DIVESTITURE SUPPORT - NER	Regional Customers							11.06%	0.45%								60.38%
100864	AF DIVESTITURE SUPPORT - SER	Regional Customers																
100865	AF DIVESTITURE SUPPORT - WER	Regional Customers																
100898	RECLAIMED WATER STUDY	Nat'l Water & Wastewater Customers	48.20%											4.78%			44.23%	
100902	BUSINESS CASE WITH NO PROJ DEV	Nat'l Water Customers		8.99%	8.92%	1.91%	3.72%	0.15%	3.58%	0.15%	0.12%	14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100902	RAPID AOC METHODS	Nat'l Water & Wastewater Customers		8.99%	8.92%	1.91%	3.72%	0.15%	3.58%	0.15%	0.12%	14.35%	19.20%	0.53%		1.74%	4.73%	19.56%
100918	CLIMATE LEADERS PROGRAM (EPA)	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.61%	3.34%	19.90%
100919	CLIMATE LEADERS PROGRAM (EPA)	Nat'l Water Customers		9.28%	8.56%	1.83%	3.58%	0.15%	3.58%	0.15%	0.11%	13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100921	SCADA INTEGRATION/HYDR. MODELS	Nat'l Water & Wastewater Customers		8.99%	8.92%	1.91%	3.72%	0.15%	3.72%	0.15%	0.12%	14.35%	19.20%	0.53%		1.61%	3.34%	19.90%

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American Water Service Company
Tier 2 Percentages used from January 2009 - December 2009
Based on 12/31/2008 year end customer values

Formula #	Formula Description	Factors Used	Company/Co #															
			AWK - 02	Serv Co-03	CA - 05	IL - 09	IN - 10	IA - 11	KY - 12	MD - 13	MI - 16	MD - 17	NJ - 18	NM - 19	AWR - 21	OH - 22	AZ - 23	PA - 24
100922	AEROBIC DIGESTER OPTIMIZATION	Nat'l Wastewater			1.75%	15.69%	0.33%		0.51%			0.78%	20.54%			4.66%	36.05%	11.91%
100923	MBR OPTIMIZATION	Nat'l Wastewater			1.75%	15.69%	0.33%		0.51%			0.78%	20.54%			4.66%	36.05%	11.91%
100924	PRESSURE MANAGEMENT WORKGROUP	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100925	ENVIRONMENTAL MANAGEMENT	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100926	PREPARATION & STD CONTR. DOC.	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100928	COST ESTIMATING MANAGEMENT	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100929	ENGINEERING SUPERVISION	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100931	MATERIALS MGT. COMMITTEE	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100935	AMR GUIDANCE & GOVERNANCE	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100936	WW CONDITION ASSESSMENT	Nat'l Wastewater			1.75%	15.69%	0.33%		0.51%			0.78%	20.54%			4.66%	36.05%	11.91%
100937	GIS GOVERNANCE & PLANNING	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100938	MONITORING FOR WATER SECURITY	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100939	PIPE CONDITION ASSESSMENT	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100940	PIPE REPLACEMENT NEEDS	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100944	CRYPTOSPORIDIUM INFECTIVITY	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100946	DISTRIBUTION MAINTENANCE	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100947	DISTRIBUTION REPLACEMENT	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100948	LEARNING COUNCIL	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100949	BPM PROJECT OPS LEAD	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100954	AW ASSET NAMING HIERARCHY	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100964	GWMS IMPLEMENTATION PROJECT	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100967	IDSE	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100978	AWWARF #4152 - PRESSURE/WQ	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100979	OPTIMIZED DISTRIBUTION SYSTEMS	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100983	ED-ALL REGION REGULATED	Divisional Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100984	ZINC VS NON-ZINC P04	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100987	MAINT SERV NJ,NY,PA,MD & VA	Special			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
100990	CAPTURE ANNUAL EXPENSE	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100996	NE - EXTERNAL AFFAIRS INCL PA	Regional Special			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
100998	BILL & COLLECT IMPROVEMENT PROJ	Nat'l Water Customers			5.16%	9.29%	8.57%	1.83%	3.59%			13.79%	19.25%	0.51%		1.74%	4.73%	19.58%
101010	REGIONAL HYDRAULIC MODELING	Nat'l Water & Wastewater Customers			5.30%	8.99%	8.92%	1.91%	3.72%			14.35%	19.20%	0.53%		1.61%	3.34%	19.90%
101011	CSC WEB SELF SERVICE PROJECT	Nat'l Water Customers			5.16%	9.29%	8.57%	1.83%	3.59%			13.79%	19.25%	0.51%		1.74%	4.73%	19.58%
101023	BUSINESS TRANSFORMATION	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
101024	AWWARF-sub-Key Asset Data	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%
101025	IAM OPEX	Nat'l Water Customers			5.15%	9.28%	8.56%	1.83%	3.58%			13.77%	19.23%	0.51%		1.74%	4.73%	19.56%

EDISON - 54 LIBERTY - 55 ET SVCS - 56										Total
TN - 26	VA - 27	WV - 28	HI - 30	AWE - 31	LI - 38	VA-EAST - 42	TX - 50	0.76%	0.76%	100.000%
2.35%	1.71%	5.36%	7.02%							100.000%
2.25%	1.64%	5.14%	7.02%		2.33%	0.08%	0.13%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.25%	1.64%	5.14%	7.02%		2.23%	0.08%	0.16%			100.000%
2.35%	1.71%	5.36%	0.30%		2.23%	0.08%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
8.85%	6.44%	20.16%			8.75%	0.30%	0.13%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
	7.77%					0.37%				100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
					5.43%					100.000%
2.26%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.35%	1.71%	5.36%			2.33%	0.08%	0.13%			100.000%
2.26%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%
2.25%	1.64%	5.14%	0.30%		2.23%	0.08%	0.16%			100.000%

American Water Service Company
Tier 1 Percentages used from January 2010 - March 2010
Based on 12/31/2009 year end customer values

Formula #	Formula Description	Factors Used	Company/Co #															
			AWK - 02	Serv Co-03	CA - 05	IL - 09	IN - 10	IA - 11	KY - 12	MD - 13	MI - 16	MO - 17	NJ - 18	NM - 19	AWR - 21	OH - 22	AZ - 23	PA - 24
100001	CP-ALL REGULATED CO'S (W & WW)	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100014	WE-ALL REGION REGULATED	Regional Customers	48.17%											4.82%			44.23%	
100015	WE-ALL REGION REGULATED-NO O/H	Regional Customers	48.17%											4.82%			44.23%	
100020	WE-CAPEX	Regional Customers	48.17%											4.82%			44.23%	
100021	WE-CAPEX-NO O/H	Regional Customers																
100032	CE-ALL REGION REGULATED	Regional Customers				26.23%	24.07%	5.17%			0.31%	38.91%				4.86%		
100033	CE-ALL REGION REGULATED-NO O/H	Regional Customers				26.23%	24.07%	5.17%			0.31%	38.91%				4.86%		
100038	CE-CAPEX	Regional Customers				26.23%	24.07%	5.17%			0.31%	38.91%				4.86%		
100039	CE-CAPEX-NO O/H	Regional Customers																
100052	SE-ALL REGION REGULATED	Regional Customers							11.06%	0.45%								60.36%
100053	SE-ALL REGION REGULATED-NO O/H	Regional Customers							11.06%	0.45%								60.36%
100058	SE-CAPEX	Regional Customers							11.06%	0.45%								60.36%
100059	SE-CAPEX-NO O/H	Regional Customers																
100111	SUPPLY CHAIN CAPEX-ALL REG'S	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100217	REVIEW OF POLICIES AU0428	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100233	CP-ALL REGULATED WASTE WTR CO	Nat'l Wastewater			1.65%	20.80%	0.30%		0.47%							4.32%	33.85%	11.39%
100523	CP-ALL REGULATED CO-NO O/H	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100527	ENDOCRINE DISRUPT SUBST AU0217	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100528	NEG. PRESSURE TRANSPARENT AU0218	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100533	CP-ALL REGULATED WATER CO'S	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100534	DATABASE-WST WTR PLANTS AU0204	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100535	CROSS-CONNECT&BACKFLOW AU0208	Nat'l Water Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100569	SEVERANCE - CORPORATE	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100570	SEVERANCE - NORTHEAST REGION	Regional Customers											89.63%					
100572	SEVERANCE - WESTERN REGION	Regional Customers			48.17%									4.82%			44.23%	
100573	SEVERANCE - CENTRAL REGION	Regional Customers				26.23%	24.07%	5.17%			0.31%	38.91%				4.86%		
100590	FAIL ONLY ORIENT PIPE ASM STUDY	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100591	AUTO METER READING MGT STUDY	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100592	SUPPLY CHAIN SE-CAPEX ALL REG	Regional Customers	48.17%											4.82%			44.23%	
100595	SUPPLY CHAIN SE-CAPEX ALL REG	Regional Customers							11.06%	0.45%								60.36%
100596	SUPPLY CHAIN CE-CAPEX ALL REG	Regional Customers				26.23%	24.07%	5.17%			0.31%	38.91%				4.86%		
100736	CP-CAPEX REGULATED CO'S ONLY	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100858	MANAGE COLIFORMS & ECOLI	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100859	LEAK REPAIR STUDY	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100898	RECLAIMED WATER STUDY	Nat'l Water & Wastewater Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100902	BUSINESS CASE WITH NO PROJ DEV	Nat'l Water Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100918	RAPID AOC METHODS	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100919	CLIMATE LEADERS PROGRAM (EPA)	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100921	SCADA INTEGRATION/HYDR. MODELS	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100922	AEROBIC DIGESTER OPTIMIZATION	Nat'l Wastewater			1.65%	20.80%	0.30%		0.47%							4.32%	33.85%	11.39%
100923	MBR OPTIMIZATION	Nat'l Wastewater			1.65%	20.80%	0.30%		0.47%							4.32%	33.85%	11.39%
100924	PRESSURE MANAGEMENT WORKGROUP	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100925	ENVIRONMENTAL MANAGEMENT	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100926	PREPARATION & STD CONTR. DOC.	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100928	COST ESTIMATING MANAGEMENT	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100929	ENGINEERING SUPERVISION	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100931	MATERIALS MGT. COMMITTEE	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100935	AMR GUIDANCE & GOVERNANCE	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100936	WW CONDITION ASSESSMENT	Nat'l Wastewater			1.65%	20.80%	0.30%		0.47%							4.32%	33.85%	11.39%
100937	GIS GOVERNANCE & PLANNING	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100938	MONITORING FOR WATER SECURITY	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100939	PIPE CONDITION ASSESSMENT	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100940	PIPE REPLACEMENT NEEDS	Nat'l Water & Wastewater Customers			5.34%	8.72%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%		1.59%	3.35%	20.01%
100944	CRYPTOSPORIDIUM INFECTIVITY	Nat'l Water Customers			5.17%	9.27%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%		1.72%	4.74%	19.60%
100945	CE-ALL REGION REG EXCL MI & TX	Regional Special				26.43%	24.26%	5.21%				39.20%				4.90%		

[illegible]

American Water Service Company
Tier 1 Percentages used from January 2010 - March 2010
Based on 12/31/2009 year end customer values

Formula #	Formula Description	Factors Used	AWK - 02	Serv Co-03	CA - 05	IL - 09	IN - 10	IA - 11	KY - 12	MD - 13	MI - 16	MO - 17	NJ - 18	NM - 19	AWR - 21	OH - 22	AZ - 23	PA - 24
100946	DISTRIBUTION MAINTENANCE	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100947	DISTRIBUTION REPLACEMENT	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100948	LEARNING COUNCIL	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100949	BPM PROJECT OPS LEAD	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100954	AW ASSET NAMING HIERARCHY	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
100964	CVIMS IMPLEMENTATION PROJECT	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
100967	IDSE	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100978	AWWARF #4152 - PRESSURE/WQ	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100979	OPTIMIZED DISTRIBUTION SYSTEMS	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100983	ED-ALL REGION REGULATED	Divisional Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100984	ZINC VS NON-ZINC P04	Divisional Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100987	MAINT SERV NJ,NY,PA,MD & VA	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
100987	CAPTURE ANNUAL EXPENSE	Special	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
100993	SE-EXTERNAL AFFAIRS EXCL PA	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
100996	NE - EXTERNAL AFFAIRS INCL PA	Regional Special	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
100996	BILL & COLLECT IMPROVEMENT PROJ	Regional Special	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
100998	REGIONAL HYDRAULIC MODELING	Nat'l Water & Wastewater Customers	5.09%	9.13%	8.38%	1.80%	8.38%	1.80%	3.54%	0.14%	0.12%	13.55%	18.93%	0.51%	1.69%	4.67%	19.31%	19.31%
101010	CSC WEB SELF SERVICE PROJECT	Call Center Water & Wastewater	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
101011	BUSINESS TRANSFORMATION	Nat'l Water Customers	5.09%	9.13%	8.38%	1.80%	8.38%	1.80%	3.54%	0.14%	0.12%	13.55%	18.93%	0.51%	1.69%	4.67%	19.31%	19.31%
101023	AWWARF-sub-Key Asset Data	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
101024	IAM OPEX	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
101025	CPS BT REQUEST TO COMPLETION	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
101053	CPS BT ORDER TO CASH	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
101054	CPS BT PLAN TO BUILD/MAINTAIN	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
101056	CPS BT PROCURE TO PAY	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
101057	CPS BT RECORD TO REPORT	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
101058	CPS BT RECRUIT TO RETIRE	Nat'l Water Customers	5.17%	9.27%	8.51%	1.83%	8.51%	1.83%	3.59%	0.15%	0.11%	13.75%	19.22%	0.52%	1.72%	4.74%	19.60%	19.60%
101067	TIME CRITICAL TRANSITION	Nat'l - Special	6.31%	11.32%	10.39%	2.23%	10.39%	2.23%	4.39%	0.18%	0.11%	16.79%	23.47%	0.63%	2.10%	5.79%	19.60%	19.60%
101085	WD - CR - OPS SUPPORT, BCP	Divisional Customers	14.46%	25.95%	24.26%	5.12%	24.26%	5.12%	7.36%	0.32%	0.12%	38.48%	41.61%	1.45%	4.90%	13.27%	19.60%	19.60%
101086	WD - CR - FRCC, QA, ADMIN	Divisional Customers	14.46%	25.95%	24.26%	5.12%	24.26%	5.12%	7.36%	0.32%	0.12%	38.48%	41.61%	1.45%	4.90%	13.27%	19.60%	19.60%
101087	WD - CR - MAJOR ACTS	Special	14.46%	25.95%	24.26%	5.12%	24.26%	5.12%	7.36%	0.32%	0.12%	38.48%	41.61%	1.45%	4.90%	13.27%	19.60%	19.60%
101092	TIME CRITICAL TRANS W/O PA/WE	Divisional Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
101095	TIME CRITICAL TRANS-EASTERN	Divisional Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%
101096	WRF ASSESSING BIOFILTRATION	Nat'l Water & Wastewater Customers	5.34%	8.72%	8.90%	1.92%	8.90%	1.92%	3.74%	0.15%	0.12%	14.38%	19.23%	0.54%	1.59%	3.35%	20.01%	20.01%

TN-26	VA-27	WV-28	HI-30	AWE-31	LI-38	VA-EAST-42	TX-50	EDISON-54	LIBERTY-55	ET SVCS-56	Total
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
8.80%	6.49%	20.32%			8.74%	0.31%					100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
	7.82%				0.37%						100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
17.38%	12.81%	40.15%			0.61%						100.0000%
2.21%	1.63%	5.09%	0.29%	0.71%	5.42%	0.08%	0.16%	0.36%	0.54%		100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%
2.21%	1.63%	5.09%	0.29%	0.71%	2.19%	0.08%	0.16%	0.36%	0.54%		100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.24%	1.65%	5.17%	0.30%		2.22%	0.08%	0.16%				100.0000%
2.73%	2.01%	6.31%	0.36%	0.88%	2.71%	0.10%	0.19%	0.45%	0.66%		100.0000%
		0.83%					0.44%				100.0000%
4.85%	3.57%	11.20%		1.56%	4.81%	0.17%		0.80%	1.18%		100.0000%
8.59%	6.33%	19.85%		2.77%	8.54%	0.30%					100.0000%
2.35%	1.73%	5.39%			2.33%	0.08%	0.13%				100.0000%

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

43. Provide TAWC's portion of AWWSC's Operating Expenses from each of the AWWSC departments for the year 2004 in the format of Exhibit II-10 per the Schumaker & Company, Management Audit Report, August 2010, page 25.

Response:

The Company objects to this question on the grounds that the requested information is not in the possession of the Company in the format requested and it would be extremely burdensome and costly to produce, if it could be created at all. Due to a modification in the accounting system that took place in 2005, 2004 Service Company charges are not readily available. To recreate the records and present them in a comparable fashion to the Schumaker exhibit would be extremely labor intensive.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

44. Provide the amount of AWWSC operating expenses charged to TAWC from the Western Region, Central Region, and Northeast Region for the test years ended March 2010 and September 2010. Include in your answer the business reasons AWWSC operating expenses were charged to TAWC from the Western Region, Central Region, and Northeast Region in 2009, per Exhibit III-10 per the Schumaker & Company, Management Audit Report, August 2010, page 79.

Response:

Location	12 Month March 2010 (Test Yr)		
	Capital	Operating Expense	Total
Central Region	235	73,071	73,306
Northeast Region	(14)	1,026	1,013
Western Region		6,537	6,537

Location	12 Month September 2010		
	Capital	Operating Expense	Total
Central Region	193	80,629	80,821
Northeast Region	21	752	774
Western Region		(645)	(645)

Beginning in 2009 and continuing into 2010, the Service Company transitioned from a regional to divisional organizational structure. During the transition, individuals residing in certain regional business units (primarily Central Region Maintenance and Organizational Risk) were providing services to their new divisional companies, which resulted in divisional charges being classified into the old regional business units. Effective 1/1/2011 new divisional business units will be created and employees will be

transferred to these new business units resulting in their charges aligning with these new divisional assignments.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

45. Provide the amount of AIP charged to TAWC from its affiliates, by affiliate for the test periods ending March 31, 2010, and September 30, 2010, and the forecast period ending December 31, 2011.

Response:

The amounts below represent the annual incentive plan costs included in Tennessee American's Service Company expenses for the 12 month periods ending March 2010 and September 2010. The 2011 budget has not been completed at this time, so the December 2011 forecast numbers are not available. See the response to TN-CAPD-01-Part III-Q36 that addresses the 2011 budget status and the manner in which the attrition year AWWSC costs were developed.

The data represents the amount billed to the AIP accounts as well as the portion of AIP expenses contained in benefit and general overheads.

**Tennessee American
Service Company Incentive Plan Expenses**

		12 Months Mar-10	12 Months Sep-10
Annual Incentive			
	Incentive Plan - Annual	214,413	202,067
Ben O/H	Incentive Plan - Annual	(29,611)	30,373
Gen O/H	Incentive Plan - Annual	2,962	4,636
Total Annual Incentive		187,763	237,077

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

46. Provide the amount of Rent Expense for the test year ended September 2010 in the format of TN-TRA-01-Q013-RENTS, page 1 of 91.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q46-ATTACHMENT.

Norfolk Southern	25 lease for Chattanooga pipelines reference no. 5897; svc period 1/10 to 12/10 C-5897	agreement date 3/20/41
Norfolk Southern	100 lease for pipeline on Red Bank property ref number 61183; svc period 1/10 to 12/10	
Norfolk Southern	15 lease for Chattanooga pipelines reference no. 5897; svc period 1/10 to 12/10 C-5897	agreement 1/13/40
Norfolk Southern	15 lease for Chattanooga pipeline reference no. 5897; svc period 1/10 to 12/10 C-60414	agreement 9/9/48
Norfolk Southern	15 lease for Chattanooga pipeline reference no. 5897; svc period 1/10 to 12/10 C-35714	agreement 3/10/42
Norfolk Southern	150 lease of r/w for overhead pipeline at Chattanooga; svc period 1/10 to 12/10	
Norfolk Southern	150 lease fro 8" pipeline Citico Junction; svc period 1/10 to 12/10	
Chattooga & Chickama	1 7 yrs 2003-2009 plus 2010 (\$1.00 annually) 2" Ci water main enclosed in a 10" Ci pipe at a point 600 ft S of MP S-444	
Chattooga & Chickama:	1 7 yrs 2003-2009 (\$1.00 annually) 6" Ci water main enclosed in a 10" Ci pipe at a point 2224ft N of MP S-444	
Chattooga & Chickam:	0 7 yrs (150 annually) 6" water pipe line crossing at a point 1445 to S. of MP 445 - result of audit 2003-2009	
CSX	529 annual fee for 12" pipeline from milepost OWA 146 to 148 3/10 thru 3/11	
CSX	150 2 yr fee for 16" pipeline located 661 " S of milepost WOA 129 7/09 to 6/11	
CSX	148 annual fee for 8" pipeline from milepost 149 to 150 7/07 to 6/08	
	<u>1299</u>	
	<u> </u>	
	<u> </u>	

adj for annual pmt

250205,541000,16

260205.541400.15	8/17/09 - 9/30/09	1920.35 Neopost leasing monthly payment of \$174.91. Rental of postage equipment 419 Oce Imagistics Inc copier rental one and 1/2 month-portion of this bill allocated to 675000.26 2339.35
260205.541400.16	10/1/09 - 12/31/09 1/1/10 - 2/12/10	897 Oce Imagistics Inc copier rental one quarter-portion of this bill allocated to 675000.26 418.59 Oce Imagistics Inc copier rental-portion of this bill allocated to 675000.26 341.24 Canon financial services 312.35 Canon financial services 312.35 Canon financial services 312.35 Canon financial services 312.35 Canon financial services 312.35 Canon financial services 312.35 Canon financial services 312.35 Canon financial services 312.35 Canon financial services 4184.52
260218.541400.16		721.05 rental of ice machine 11 months - adj for 1 months
260205.541000.14		300 Easement on Brainard Rd Tank - 4 qrtly payments of \$75 8,843.92

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

47. Provide the actual ERISA pension contributions amount for the 15 months ended March 2010 by month and the twelve months ended September 2010. Include in your response both the total and TAWC's share of the ERISA pension contributions.

Response:

ERISA Pension Contributions		
	TN Pymnts made to Trust	AWWC Pymnts made to Trust
Nov-08	\$287,462	\$15,000,000
Feb-09	\$293,537	\$17,100,000
May-09	\$293,537	\$17,100,000
Aug-09	\$429,147	\$25,000,000
Nov-09	\$429,147	\$25,000,000
Feb-10	\$229,802	\$12,900,000
Mar-10	\$270,776	\$15,200,000
May-10	\$229,802	\$12,900,000
Aug-10	\$357,985	\$20,100,000
Sep-10	\$366,890	\$20,600,000
Oct-10	\$265,373	\$14,900,000

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Michael A. Miller**

PART III: EXPENSES

Question:

48. Provide documentation from Tower/Watson supporting the projected FAS 106 costs for 2011, as well as the minimum ERISA contribution to the Defined Benefit Pension Plan for 2011. (Mr. Mike Miller, Direct Testimony, Page 55, Lines 15-16).

Response:

Please refer to the attached document labeled as TN-CAPD-01-PART III-Q48-CONFIDENTIAL ATTACHMENT 1 which was supplied by Towers Watson actuaries and used by the Company to determine the amount of FAS 106 (OPEB) expense and ERISA minimum pension expense for the 2011 attrition year. Subsequent to the Company's filing of the petition to increase rates in this proceeding the Company has received from its actuaries Towers Watson revised FAS 106 and ERISA minimum contribution amounts for 2010 and 2011. Please see the attached document labeled as TN-CAPD-01-PART III-Q48-CONFIDENTIAL ATTACHMENT 2. The attached table, identified as TN-CAPD-01-PART III-Q48-ATTACHMENT 3 provides the latest, revised 2011 FAS 106 and ERISA pension costs compared to the Company amount requested in its filing in this proceeding.

The above mentioned Confidential Documents are being submitted pursuant to the Protective Order entered in this matter.

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller/Michael A. Miller**

PART III: EXPENSES

Question:

49. Provide the TAWC Uncollectible Expense amounts in the format of TRA-01-Q013-UNCOLLECTIBLES, Page 2 of 2 from April 2010 through September 2010 by month.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q49-ATTACHMENT.

Tennessee American Water Company
TN-CAPD-01-PART III-Q49

	April Actual 2010	May Actual 2010	June Actual 2010	July Actual 2010	August Actual 2010	September Actual 2010
Month End Balances						
143000 Accum prov-uncoll accts	(168,392)	(187,356)	(190,239)	(208,682)	(200,976)	(230,265)
570100 Uncollectible Accounts	(66,720)	4,915	28,471	82,566	116,944	177,387
Calculation of Monthly Net Charge-Offs						
Prior Months Uncollectible Reserve Balance	(190,569)	(168,392)	(187,356)	(190,239)	(208,682)	(200,976)
Current Months Uncollectible Reserve Balance	(168,392)	(187,356)	(190,239)	(208,682)	(200,976)	(230,265)
Monthly Change in Uncollectible Reserve	22,178	(18,965)	(2,883)	(18,443)	7,706	(29,289)
Monthly Uncollectible Expense	10,377	71,635	23,556	54,096	34,378	60,442
Monthly Net Charge-Offs	32,554	52,670	20,673	35,652	42,084	31,153

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

50. Provide the TAWC Customer Accounting Expense amounts in the format of TRA-01-Q013-CUSTOMER ACCOUNTING, Page 1 of 2 for the test period ending September 2010.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q50-ATTACHMENT.

Tennessee American Water Company
Customer Accounting
ATTRITION 12/31/2011

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Year Ending 9/30/2010	Normalized Adjustments	Normalized Year	Postage Uncollectibles Customer Billing	Net Subject to Inflation	2.73% Inflation Adjustment	Add Postage & Customer Billing	Add Misc Adjustments	Total Customer Acct Exp For Attrition Year
6757 METER READING EXPENSES	2,019		2,019		2,019	55			2,074
6757 COLLECTING EXPENSES	94,268		94,268		94,268	2,574			96,842
6757 BANK SERVICE CHARGES	262,765		262,765		262,765	7,173			269,938
6757 CUST ACCTG-BILLING/TELEPHONE	0		0		0	-			0
6757 CUST ACCTG-BILLING/POSTAGE	344,335	3,809	348,144	348,144	0	-	348,144		348,144
6757 MISC CUST ACCTING EXPENSES	114,777	-	114,777		114,777	3,133			117,910
6757 MISC OPER CA CUST SERV	6,896	0	6,896		6,896	188			7,084
	825,060	3,809	828,869	348,144	480,725	13,123	348,144	0	841,992

Customer Accounting

Account	Subsidiary	Description	(1) Meter Reading	(2) Collecting	(3) Bank Service	(4) Telephone	(5) Postage	(6) Misc CA	(7) Misc Oper CA	Total
575000	1510	Misc Oper CA Mtr Reading	0.00							0.00
575820	15	Uniforms CA								0.00
575000	1515	Misc Oper CA Cust Rec	2,019.00							2,019.00
575200	15	Collection Agencies CA		0.00						0.00
575000	15	Misc Oper CA		94,276.00						94,276.00
575100	15	Bank Service Charges CA		-8.00						-8.00
575740	15	Telephone			262,765.00					262,765.00
575741	15	Cell Phone				0.00				0.00
575660	15	Postage				0.00				0.00
520100	15	M & S Oper CA					344,335.00			344,335.00
575320	15	Electricity						1,214.00		1,214.00
575420	15	Forms						0.00		0.00
575500	15	Janitorial						113,556.00		113,556.00
575620	15	Office & Admin Supplies						0.00		0.00
575800	1520	Misc Oper CA Cust Serv						7.00		7.00
575743	15	Wireless Service First							0.00	0.00
		Total	2,019.00	94,268.00	262,765.00	0.00	344,335.00	114,777.00	6,896.00	825,060.00
570100	15	Uncollectible Accounts								
570100	16	Uncollectible Accounts-MI's								
		Total Line 18								
			825,060.00	94,268.00	262,765.00	0.00	344,335.00	114,777.00	6,896.00	825,060.00
			298,299.00							
			12,748.00							
			1,136,107.00							
		Check Link In								
		Balance should be 0								
			1,136,107.00							
			0.00							

575660.15 adjust for postage for customer growth - additional bills
postage account also includes cost of postage meter \$2,500

1,309
2,500

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

51. Provide the TAWC General Office Expense amounts in the format of TRA-01-Q013-GENERAL OFFICE, Page 1 of 1 for the test period ending September 2010.

Response:

See attached document labeled as TN-CAPD-PART III-Q51-ATTACHMENT.

adj for one month of janitorial svc
reverse duplicate payments
trf to subscriptions from memberships
trf from memberships to subscriptions

**TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 10-00189
FIRST DISCOVERY REQUEST OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION**

Responsible Witness: **Sheila Miller**

PART III: EXPENSES

Question:

52. Provide the TAWC Miscellaneous Expense amounts in the format of TRA-01-Q013-MISCELLANEOUS EXPENSES, Page 1 of 6 for the test period ending September 2010.

Response:

See attached document labeled as TN-CAPD-01-PART III-Q52-ATTACHMENT.

TENNESSEE-AMERICAN WATER COMPANY
MISCELLANEOUS EXPENSE
ATTRITION YEAR ENDED: 12/31/2011

Account Number	Description	Year End 9/30/2010 Amount	Normalized Adjustment	Normalized Amount	Less: 401 (K) DCP Retiree Med Rel Postage & Trans	Net Subject to Initiation	2.73% Initiation Adjustment	Add Back: leased vehicles ESOP 401 (K) Postage 643.1	Add: Miscellaneous Expenses *	Total Miscellaneous Expense for the Attrition Year
6201-6751	SS OPERATION EXPENSE	67		97		97	3			100
6201	MISC PUMPING EXPENSES-CURRENT	36		36		36	1			39
6751	PUMPING EXPENSES ELECTRIC	25		25		25	1			26
6751	MISC PUMPING EXP ELECTRIC	0		0		0				0
6753	GENERAL WIT EXPENSES	181,123	888	182,021		182,021	4,969			186,990
6753	MISC WIT EXPENSES-CURRENT	70,423		70,423		70,423	1,923			72,346
6755	T&D LINES EXPENSE	75		75		75	2			77
6755	MISC METER EXPENSES	0		0		0				0
6755	MISC T&D EXPENSES-CURRENT	108,168	449	108,617		108,617	2,965			111,582
6328	AUDITING SERVICES	71,575		71,575		71,575	1,954			73,529
6338	LEGAL SERVICES	47,111		47,111		47,111	1,286			48,397
6354-6355	OTHER SERVICES-CURRENT	349,084	(28,927)	320,157		320,157	8,741			328,908
6048	OTHER WELFARE EXPENSES	100		100		100	3			103
6048	401 - K CONTRIBUTIONS EXPENSE	44,430		44,430		44,430	1,213			45,643
6048	DCP	100,203		100,203	(100,203)	0		100,203	4,954	105,157
6048	RETIREE MED REIMBURSEMENT	94,716		94,716	(94,716)	0		94,716	6,431	101,147
6608	INSTITUT & GOODWILL AD EXP	5,798		5,798	(5,798)	0		5,798	1,778	7,576
6758	MISC GENERAL EXP-CURRENT	24,206	(14,930)	9,276		9,276	253			9,529
6758	OPERATN AG MISC GEN AMORTZ (SCH M)	385,103	38,000	423,103	(38,000)	385,103	10,513			433,616
6758	RESEARCH & DEV-SERVICE CO	4,173		4,173		4,173	114			4,287
6758	OPERATN AG MISC LOBBYING EXPENSE	11,596		11,596		11,596	317			11,913
6501-6508	TRANSPORTATION	340	(340)	0		0				0
6758	MISC GEN EXP-DIRECTORS FEES	388,320	23,856	412,176		412,176	11,252			423,428
6758	MISC GEN EXP-DIRECTORS EXPENSES	11,600		11,600		11,600	317			11,917
6758	MISC GENERAL - CO DUES & MEMB	0		0		0				0
6758	PENALTIES NONDEDUCT	38,072	(3,938)	34,134		34,134	932			35,066
6758	MISC GENERAL - TAXABLE CO	20,230	(20,230)	0		0				0
		0		0		0				0
		1,956,616	(5,162)	1,951,454	(238,717)	1,712,737	46,759	238,717	13,162	2,011,375

Check Link In
Balance should be 0

Miscellaneous Exp Account	Subsidiary	Description	(12) Other Services	(13) Injuries & Damage	(14) Other Welfare	(15) EIP Contributions	(16) 401-K Contrib	(17) DCP	(18) Retiree Med Reimburse	(19) Goodwill Ac	(20) Misc General	(21) Misc Gen Am	(22) R & D Serv Co
575620	11	Office and Admin Supplies SS											
575620	11	Uniforms SS											
520100	12	M & S Oper P											
575000	12	Misc Oper P											
575998	16	PC Card Undistributed											
520100	13	M & S Oper WT											
575460	13	Heat - Oil/Gas WT											
575500	13	Janitorial WT											
575345	13	Lap Supplies WT											
575620	13	Office & Admin Supplies WT											
575740	13	Telephone WT											
575620	13	Uniforms WT											
575000	13	Misc Oper WT											
575320	13	Electricity WT											
575780	13	Trash Removal WT											
575620	14	Uniforms TD											
520100	14	M & S Oper TD											
575000	14	Misc Oper TD											
575320	14	Electricity TD											
575620	14	Janitorial TD											
575740	14	Office & Admin Supplies TD											
575740	14	Telephone TD											
575741	14	Cell Phone TD											
575743	14	Wireless Serv 1st TD											
575746	14	Trash Removal TD											
575460	14	Heat - Oil/Gas TD											
532000	18	Contrit Soc-Accdg Oper CA											
532000	18	Contrit Soc-Accdg Oper AG											
532100	18	Contrit Soc-Auditing Fees AG											
533000	18	Contrit Soc-Legal Oper TD											
533000	18	Contrit Soc-Legal Oper AG											
531000	18	Contrit Soc-Eng Oper WT											
535000	18	Contrit Soc-Other Oper WT											
535000	18	Contrit Soc-Other Oper TD											
535000	18	Contrit Soc-Other Oper CA											
535000	18	Contrit Soc-Other Oper AG											
535001	18	Contrit Soc-Temp Empl Oper											
575460	18	Injuries and Damages	100.00										
504500	18	Other Well Oper AG											
504610	18	Employee Awards AG			857.00								
504620	18	Employee Physical Exam AG			9,792.00								
504640	18	Safety Incentive			3,393.00								
504660	18	Tuition AG AG			0.00								
504670	18	Training AG			22,068.00								
508200	18	508200 Oper AG			5,743.00								
507100	18	401k Oper AG			2,577.00		100,203.00						
508101	18	DCP Oper AG						94,716.00					
508102	18	Retiree Med Oper AG							5,798.00				
575030	18	Advertising								24,206.00			
575225	18	Misc Oper AG									95,970.00		
575276	18	Resources Available									-7,587.00		
575400	18	Business Travel									26.00		
575625	18	Bus Sales Proj Exp									134,872.00		
575710	18	Overnight Shipping AG									1,873.00		
575790	18	Security Service AG									145,428.00		
575120	18	Truckee Fees AG									2,770.00		
575130	18	Bill Insects AG									936.00		
575120	18	Brochures and Handouts									10,815.00		
575220	18	Community Relations										4,173.00	
575715	18	Software Licenses & Support											11,596.00
575680	18	Research & Development Exp											
575560	18	Lobbying Expenses											
550000	1	Trans Cap Credits											
550000	21	Transport Maint SS											
550000	13	Trans Oper WT											
550000	14	Trans Oper TD											
550000	24	Transport Maint TD											
550000	15	Trans Oper CA											
550000	18	Trans Oper AG											
550001	18	Trans Oper AG Lease Cost											
550002	18	Trans Oper AG Lease Fuel											
550003	18	Trans Oper AG Lease Maint											
556000	18	Ins Vehicle Oper AG											
575270	16	Directors Fees											
575271	16	Directors Expenses											
575242	18	Co Dues Deduct MWA											
575240	18	Co Dues Membership Deduct											
575640	18	Penalties Nonrefund											
TOTAL			346,094	100	41,853	2,577	100,203	94,716	5,798	24,206	385,103	4,173	11,596

Check Link in
Balance should be 0

Miscellaneous Exp Account	Subsidiary	Description	Oper AG Misc Lobbying	Transportation	Director Fees	Director Exp	Co Dues & Memberenalties Nondeduct	Taxable Co	Total
575620	11	Office and Admin Supplies SS							97.00
575620	11	Uniforms SS							0.00
520100	12	M & S Oper P							0.00
575000	12	Misc Oper P							38.00
575988	16	PCard Undistributed							25.00
520100	13	M & S Oper WT							99,309.00
575480	13	Heat - Oil/Gas WT							8,043.00
575500	13	Janitorial WT							9,665.00
575545	13	Lab Supplies WT							33,524.00
575620	13	Office & Admin Supplies WT							0.00
575740	13	Telephone WT							25,769.00
575820	13	Uniforms WT							4,512.00
575000	13	Misc Oper WT							14,706.00
575320	13	Electricity WT							52,353.00
575780	13	Trash Removal WT							3,364.00
575820	14	Uniforms TD							75.00
520100	14	M & S Oper TD							18,309.00
575000	14	Misc Oper TD							38,609.00
575320	14	Electricity TD							16,709.00
575500	14	Janitorial TD							4,984.00
575620	14	Office & Admin Supplies TD							5,336.00
575740	14	Telephone TD							14,870.00
575741	14	Cell Phone TD							0.00
575743	14	Wireless Serv/ist TD							0.00
575780	14	Trash Removal TD							0.00
575480	14	Heat - Oil/Gas TD							1,430.00
532000	15	Contr Svc-Accig Oper CA							7,921.00
532000	16	Contr Svc-Accig Oper AG							0.00
532100	16	Contr Svc-Auditing Fees AG							5,714.00
533000	14	Contr Svc-Legal Oper TD							69,861.00
533000	16	Contr Svc-Legal Oper AG							0.00
531000	13	Contract Svc-Eng Oper WT							47,111.00
535000	14	Contr Svc-Other Oper WT							0.00
535000	14	Contr Svc-Other Oper TD							41,341.00
535000	15	Contr Svc-Other Oper CA							194,442.00
535000	16	Contr Svc-Other Oper AG							14,238.00
535001	16	contr Svc-Temp Empl Oper							68,911.00
575490	16	Injuries and Damages							30,162.00
504500	16	Other Welf Oper AG							100.00
504610	16	Employee Awards AG							857.00
504620	16	Employee Physical Exam AG							9,792.00
504640	16	Safety Incentive							3,383.00
504660	16	Tuition Aid AG							0.00
504670	16	Training AG							22,068.00
508200	16	ESPP Oper AG							5,743.00
507100	16	401k Oper AG							2,577.00
508101	16	DCP Oper AG							100,203.00
508102	16	Retiree Med Oper AG							94,716.00
575030	16	Advertising							5,788.00
575000	16	Misc Oper AG							24,206.00
575275	16	Discounts Available							95,970.00
575276	16	Discounts Lost							-7,567.00
575400	16	Bus Services Proj Exp							26.00
575625	16	Overnight Shipping AG							134,872.00
575710	16	Security Service AG							1,873.00
575790	16	Trustee Fees AG							148,428.00
575120	16	Bill Inserts AG							2,770.00
575130	16	Brochures and Handouts							0.00
575220	16	Community Relations							698.00
575715	16	Software Licenses & Support							10,813.00
575680	16	Research & Development Exp							4,773.00
575560	16	Lobbying Expenses							11,598.00
550000	1	Trans Cap Credits	340.00						340.00
550000	21	Transport Maint SS		-54,101.00					-54,101.00
550000	13	Trans Oper WT		0.00					0.00
550000	14	Trans Oper TD		0.00					0.00
550000	24	Transport Maint TD		16,442.00					16,442.00
550000	15	Trans Oper CA		0.00					0.00
550001	16	Trans Oper AG		40,137.00					40,137.00
550002	16	Trans Oper AG Lease Cost		10,371.00					10,371.00
550003	16	Trans Oper AG Lease Fuel		201,197.00					201,197.00
550000	16	Trans Oper AG Lease Maint		145,778.00					145,778.00
575270	16	Ins Vehicle Oper AG		28,496.00					28,496.00
575271	16	Directors Fees			11,600.00				11,600.00
575271	16	Directors Expenses							0.00
575242	16	Co Dues Deduct AWWA					18,117.00		18,117.00
575640	16	Co Dues/Membership Deduct					19,955.00		19,955.00
		16 Penalties Nondeduct					20,230.00		20,230.00
		TOTAL	340	388,320	11,600	0	38,072	0	1,956,519.00

Check Link In
Balance should be 0

Misc Adjustments

575580.16	eliminate lobbying expense	(340.00)	
575640.16	eliminate penalties non deductible	(20,230.00)	
535000.14	adj billing for Tn One- Call system	1,235.13	monthly amt increased 411.71 in Jan 2010
535000.16	Adj for PVC contract svc	-	no deduction for TY ending 9/10 - chgs ended 9/09
575000.16	eliminate w/o of variances	(3,937.55)	200205-575000.16-non recurring JE 30885152
575240.16	adjust NAVC dues - lobbying	23,655.56	See ARI file for detail
550000.16	eliminate temporary emp expenses	(30,162.00)	
535001.16	eliminate institutional promo ads	(14,925.61)	
575030.16	amortize mgmt audit \$15000/60	36,000.00	
575000.16	Adj Janitorial W7 - 1 month - 11 in TY	897.50	
575500.13	Adj Janitorial TD - 1 month - 11 in TY	448.75	
575500.14			

BU 260203
JE occurred 5/09 - not in TY 9/10

**BEFORE THE TENNESSEE REGULATORY AUTHORITY
NASHVILLE, TENNESSEE**

**PETITION OF TENNESSEE AMERICAN
WATER COMPANY TO CHANGE AND
INCREASE CERTAIN RATES AND
CHARGES SO AS TO PERMIT IT TO
EARN A FAIR AND ADEQUATE
RATE OF RETURN ON ITS PROPERTY
USED AND USEFUL IN FURNISHING
WATER SERVICE TO ITS CUSTOMERS**

DOCKET NO. 10-00189

AFFIDAVIT

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA

I, MICHAEL A. MILLER, Treasurer/Comptroller for Tennessee American Water Company, do hereby certify that the foregoing responses to the Data Requests from the Consumer Advocate and Protection Division were prepared by me or under my supervision and are true and accurate to the best of my knowledge and information.

DATED this 15th day of November, 2010.

Michael A. Miller
(signature)

Michael A. Miller
(printed name)

Sworn to and subscribed before me this 15th day of November, 2010.

Lisa R. Brooks
NOTARY PUBLIC

My Commission Expires:

September 7, 2019



CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served by way of the method(s) indicated, on this the 15th day of November, 2010, upon the following:

☒ Hand-Delivery	T. Jay Warner, Esq.
☐ U.S. Mail	Ryan McGehee, Esq.
☐ Facsimile	Mary L. White, Esq.
☐ Overnight	Counsel for the Consumer Advocate and Protection Division
☒ Email	Office of the Attorney General
	425 5th Avenue North, 2nd Floor
	Nashville, TN 37243-0491

☐ Hand-Delivery	David C. Higney, Esq.
☐ U.S. Mail	Counsel for Chattanooga Manufacturers Association
☐ Facsimile	Grant, Konvalinka & Harrison, P.C.
☒ Overnight	633 Chestnut Street, 9th Floor
☒ Email	Chattanooga, TN 37450

☒ Hand-Delivery	Henry M. Walker, Esq.
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☒ Email	Nashville, TN 37203

☐ Hand-Delivery	Michael A. McMahan, Esq.
☐ U.S. Mail	Valerie L. Malueg, Esq.
☐ Facsimile	Special Counsel
☒ Overnight	City of Chattanooga (Hamilton County)
☒ Email	Office of the City Attorney
	100 East 11 th Street, Suite 200
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☐ Hand-Delivery	Frederick L. Hitchcock, Esq.
☐ U.S. Mail	Harold L. North, Jr., Esq.
☐ Facsimile	Counsel for City of Chattanooga
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☐ U.S. Mail	Counsel for Utility Workers Union of America,
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☐ Overnight	521 Central Avenue
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