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IDAHO PUBLIC
UTILITIES COMMISSION

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BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION
OF UNITED WATER IDAHO INC. FOR
AUTHORITY TO INCREASE ITS RATES
AND CHARGES FOR WATER SERVICE IN
THE STATE OF IDAHO

Case No. UWI-W-09-01

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

DIRECT TESTIMONY OF CHARLES E. LOY

1 Q. Please state your name and business address?

2 A. My name is Charles E. Loy and my business address is 919 Congress Avenue,
3 Suite 800, Austin, Texas, 78701..

4 Q. By whom are you employed and in what capacity?

5 A. I am a Principal with GDS Associates, Inc. ("GDS"). GDS is an engineering and
6 consulting firm that provides rate and regulatory consulting services in the
7 electric, natural gas, and water utility industries. GDS also provides a variety of
8 other services in the utility industry including power supply planning, generation
9 support services, financial analysis, load forecasting, and statistical services. Our
10 clients are investor owned utilities, publicly-owned utilities, municipalities,
11 customers of privately-owned utilities, and government agencies.

12 Q. How long have you been employed by GDS Associates?

13 A. I joined GDS in June of 2001.

14 Q. Briefly describe your educational and professional background.

15 A. I received the Bachelors of Business Administration Degree with a concentration
16 in accounting from the University of Texas at Austin. I am a Certified Public
17 Accountant in the State of Texas. Before joining GDS in June of 2001, I was
18 General Manager of Rates and Regulatory Affairs of AquaSource Inc., a wholly-
19 owned water and wastewater subsidiary of DQE, a publicly traded electric utility
20 located in Pittsburgh, Pennsylvania. My responsibilities included the
21 organization, preparation and management of various rate filings and testimony in
22 connection with rate requests and other regulatory matters in the twelve states in
23 which AquaSource owned and operated utility properties. Before joining

1 AquaSource, I was a Manager of Regulatory Affairs for Citizens Utilities
2 Company - Public Services Sector. I was responsible for various regulatory
3 matters, including rate cases, for water/wastewater, gas, and electric services in
4 eight states. Before joining Citizens, I was a Rate Manager with Southern Union
5 Gas where I prepared rate filings, cost-of-service studies, and testimony for the
6 various jurisdictions in Texas and Oklahoma. My utility regulation experience
7 began with Diversified Utility Consultants as a Senior Analyst where I assisted in
8 the review and analysis of various gas, electric, and water company rate filings.

9 Q. Before what regulatory commissions have you appeared and presented expert
10 testimony?

11 A. I have testified before a number of state regulatory commissions in various
12 jurisdictions. Included in Appendix A to this testimony is information about the
13 dockets in which I have filed testimony or actively participated.

14 Q. What is your role in this proceeding?

15 A. GDS Associates was engaged to develop the pro forma adjustments for the
16 revenues and expenses on behalf of United Water Idaho, Inc. (the "Company") for
17 the 12-month period of actual data ending May 31, 2009. Further, I will address
18 the Company's proposed approach to rate design as a result of the waiver granted
19 by this Commission in its Order No. 30865.

20 Q. What was the scope of your work?

21 A. I reviewed the Company's general accounting records, and other selected records
22 and exhibits. I also reviewed monthly financial information and participated in
23 discussions with management personnel and other witnesses to discuss accounting

1 and financial issues and operating matters. I examined supporting documentation
2 to develop a proof of revenues, normalized test year revenues and certain
3 expenses, and developed pro forma adjustments for the test year.

4 Q. Have you prepared from the Company's books and records a series of exhibits depicting
5 the Company's operating revenue and expenses for the test year ended May 31, 2009?

6 A. Yes. I have prepared Exhibit 11 which presents operation and maintenance
7 expenses and Exhibit 12 which presents operating revenues. These Exhibits
8 support the overall revenue deficiency as presented by Witness Doherty in Exhibit
9 10.

10 Q. Please address Exhibit No. 11.

11 A. Exhibit No. 11 is a summary of the test year operating and maintenance expenses
12 per books, the proposed adjustment amounts and the resulting requested pro
13 forma test year expense levels. Exhibit 11 consists of Schedules 1 through 4. I
14 address the series of adjustments presented in Schedules 1 and 3 in this testimony.
15 Witness Doherty addresses Schedule 2 or the adjustment for depreciation and
16 amortization and Schedule 4 or the adjustment to State and Federal Income taxes
17 in his testimony.

18 Q. Referring to Schedule 1 of Exhibit No. 11, please explain each adjustment to
19 operating expenses presented in this schedule.

20 A. Adjustment No. 1 increases payroll expense by \$400,500 (Schedule 1, Page 1).
21 This adjustment reflects anticipated pay increases for all employees to be
22 effective April 1, 2010. For Bargaining Unit employees, the pay rates used reflect
23 those that will become effective April 1, 2010 as called for in the current union

1 contract. For all bargaining unit employees, total hours were determined and
2 applied to the contractually obligated pay rates. A 4% pay increase for non-
3 bargaining unit salaried exempt and non-exempt employees is anticipated
4 effective April 1, 2010. There are three new positions that are included in this
5 adjustment and they are addressed by Witness Wyatt.

6 Adjustment No. 2 decreases test year expense by \$277,113 for employee pension
7 cost (Schedule 1, Page 2). In Commission Order No. 29838 issued in Case UWI-
8 W-04-04, the Commission found that it was not appropriate for the purposes of
9 regulatory reporting and rate recovery to use the FAS 87 pension expense accrual
10 calculation that is required to be used for book purposes. United Water has been
11 informed by its pension actuary, Aon Consulting, the funding or cash requirement
12 for the United Water Idaho Non-Bargaining Plan is \$285,162 and the like number
13 for the United Water Idaho Bargaining Plan is \$175,800 for a total of \$460,962.
14 The test year expense reflects the FAS 87 accrual of \$738,075 thus; a reduction of
15 \$277,113 is required in order to reflect the cash contribution.

16 Adjustment No. 3 decreases test year expense by \$37,651 for the normalization of
17 PBOP (Post Retirement Benefits Other Than Pension) Schedule 1, Page 3. The
18 pro forma level of expense represents the actual 2006 FAS 106 expense as
19 developed by the Company's actuary plus a 20-year amortization of the deferred
20 portion of FAS 106 expense. This adjustment is made consistent with the
21 methodology employed and approved in previous cases.

22 Adjustment No. 4 increases the cost of providing medical and dental care, vision
23 care, long-term disability insurance and group term life insurance coverage to

1 employees by \$137,929 (Schedule 1, Page 4). The current cost of providing the
2 various benefits has been applied to the ninety-nine employee workforce. Data
3 from the open enrollment process, which documents coverage levels chosen by
4 each employee, was utilized in developing the total cost. Contributions from
5 employees offsetting Company costs were calculated based on the current level
6 for various coverage options. The test year expense for providing this group of
7 benefits was \$693,321; the pro forma cost is \$831,250, an increase of \$137,929.
8 For the most part, the same methodology was employed to compute the
9 adjustment to health care expense in this case as approved in previous cases. The
10 10% pro forma increase shown on Line 10 of this adjustment is based on the best
11 information available at the time this case was developed. This amount will be
12 updated when the increase is known.

13 Adjustment No. 5 recognizes the increases in the Company's 401k contributions
14 as a result of the increases in payroll levels addressed in Adjustment 1. The
15 increase is based on the contributions as a percent of payroll for the test year and
16 is applied to the proposed level of payroll costs presented in Adjustment 1. The
17 result is an increase of \$11,446 in Company contributions to the 401k plan.

18 Adjustment No. 6 increases test year expense by \$33,149 for the normalization of
19 payroll overheads chargeable to other than Operations and Maintenance expense
20 (Schedule 1, Page 6). The payroll overheads consist of payroll taxes, workers
21 comp, pensions, group health etc. as identified in the adjustment. During the test
22 year 29.69% of these costs were charged to capital according to generally
23 accepted accounting principles (GAAP). GAAP recognizes that certain general

1 employment related costs are related to the construction of utility plant in service
2 and should be capitalized along with the associated capitalized direct and indirect
3 payroll costs. Adjustment 6 applies the test year rate of 29.69% to the as adjusted
4 overhead costs addressed in the other adjustment in this testimony. The result is
5 an increase of \$33,149.

6 Adjustment No. 7 increases Purchased Water expense by \$46,264 (Schedule 1,
7 Page 7). This adjustment is sponsored by Witness Rhead who addresses
8 purchased water expense in his direct testimony.

9 Adjustment No. 8 increases test year expense by \$717,453 for purchased power
10 expense (Schedule 1, Page 8). The increase in power expense is driven largely by
11 the normalization of the Idaho Power rates effective June 1, 2009 which includes
12 the most recent Power Cost Adjustment (PCA) charge. This adjustment reflects
13 the increase in PCA since the last rate case in accordance with Commission Order
14 No. 29838 issued in Case UWI-W-04-04. Since energy costs have risen
15 substantially over the last few years, the rates are significantly higher than what
16 was requested and established in the last case. United Water Idaho has deferred
17 the accumulated differences of the PCA since the last case in a balancing account
18 to be recovered and I will address this adjustment later in this testimony
19 (Adjustment 21).

20 Adjustment No. 9 increases chemical expense by \$20,316. (Schedule 1, Page 9).
21 The pro forma year expense is calculated using test year quantities priced at
22 current known and measurable prices.

1 mitigate the impact of these costs on the Company's customers with the
2 introduction of Budget Billing. The adjustment determines test year actual
3 uncollectible rate by dividing the actual amounts written off by unadjusted test
4 year revenues. This rate is then applied to the as-adjusted revenue level proposed
5 in this case to determine the pro forma level of uncollectible expenses.

6 Adjustment No. 12 reduces customer notice postage expense by \$12,879
7 (Schedule 1, page 12). The primary factor driving this adjustment is the removal
8 of \$15,609 of postage costs that were incurred outside the test period. This
9 decrease is partially offset with a postage increase of \$2,720 which is applied to
10 the postage costs incurred during the test year related to customer notices.

11 Adjustment No. 13 normalizes the Water Quality Testing expense by assuming
12 the 2010 budgeted levels. This results in a reduction of \$17,469 (Schedule 1,
13 page 13).

14 Adjustment No. 14 normalizes tank painting amortization expense to reflect the
15 recent completion of one \$74,183 tank painting project and the anticipated
16 completion of three more projects totaling approximately \$277,000 by the end of
17 the year. The Company is proposing a 20 year amortization period for all four
18 projects which will result in a \$17,539 increase to tank painting amortization
19 expense for the test year (Schedule 1, page 14).

20 Adjustment No. 15 reflects increases of \$102,098 to recover deferred and ongoing
21 conservation plan costs (Schedule 1, page 15). Lines 2 and 3 total the \$84,835 of
22 costs incurred to develop the conservation program. The remaining costs
23 appearing in Lines 4 through 10 represent start-up and ongoing year to year

1 conservation costs or the costs of operating the conservation plan. Included in
2 Lines 4 through 10 of deferred costs include estimates of approximately \$73,000
3 for the period August 2009 through December 2009. The Company is requesting
4 recovery of these costs over a three year period which results in an amortization
5 expense level of \$65,098. The additional normalized cost of \$37,000 presented
6 on Line 13 is based on the Company's experience over the last 3 years or the total
7 operating costs presented in Lines 4 through 10 divided by three. Witness Wyatt
8 discusses the various features and support of the Company's conservation
9 program.

10 Adjustment No. 16 eliminates \$29,482 (Schedule 1, Page 16) in expense recorded
11 in the test year for expenses considered inappropriate for recovery from customers
12 based upon past Commission precedent. The elimination is composed of
13 charitable giving, the portion of National Association of Water Companies and
14 Idaho Association of Commerce and Industry dues that are attributable to
15 lobbying efforts, employee Christmas Party and Summer picnic expenditures,
16 Country Club dues and Company sponsorships of various causes.

17 Adjustment No. 17 adjusts the IPUC Annual Assessment expense to reflect the
18 level of normalized revenues proposed in this case (Schedule 1, page 17). This
19 results in a \$12,757 increase.

20 Adjustment No. 18 adjusts test year expense downward by \$1,778 related to the
21 normalization adjustments to volumes or consumption I address later in my
22 testimony. Thus, the test period utilized in this case includes higher than normal
23 production and consumption requiring normalization of these expenses. This

1 decreased usage will cause variable cost directly associated with increased
2 production, power use and chemical use, to decrease. A test-year based ratio of
3 power and chemical expense to test year revenue was calculated and applied to
4 the downward revenue adjustment (Schedule 1, Page 18).

5 Adjustment No. 19 reduces the test year level of Management and Service fees
6 included in the case by \$13,024. The adjustment eliminates a class of
7 Management and Service Fees identified on the Company's books and records as
8 "Non-Regulated M&S Fees". This adjustment corresponds to adjustments made
9 by Staff in previous cases.

10 Adjustment No. 20 decreases test year rate case amortization expense by \$71,968
11 (Schedule 1, Page 20). This adjustment replaces the amortization expenses
12 related to the last rate case approved expenses with the rate case expenses
13 associated with this case. Only a small portion of the deferred rate case expenses
14 approved in the last case will remain at the end of March 2010, shortly before
15 new rates are anticipated to take effect. The Company expects incurring total rate
16 case costs of \$172,500 and proposes to add this amount to the existing, previously
17 approved, remaining deferred balance of \$26,384 as of March 2010. The
18 Company proposes to amortize the total amount of \$198,884 over three years
19 which results in rate case amortization of \$66,295 or \$71,968 lower than the
20 current amortization.

21 Adjustment No. 21 reflects the increase in amortization of deferred power costs
22 established by IPUC Order No. 28505 in Case UWI-W-00-1 (Schedule 1, page
23 21). The total deferred balance to be amortized consists of the actual deferred

1 balance as of June 30, 2009 of \$509,744 (Line 2) and the additional deferrals
2 anticipated along with their carrying costs through March 2010 (Lines 3 & 4) or
3 the anticipated date new rates will take effect. This results in a total deferral
4 amount of \$1,015,793 as of March 2010 and a three year amortization of
5 \$338,598 which represents an increase of \$228,948 in power cost amortization
6 expense.

7 Adjustment No. 22 reduces test year expenses by \$20,850 for three separate
8 amortization expense amounts that will be almost completely amortized at the end
9 of March of 2010 shortly before new rates are anticipated to take effect (Schedule
10 1, page 22). Adjustment 22 demonstrates that the three deferred balances as of
11 March 2010 will consist of only four months of future amortization expenses.
12 The Company is willing to forego recovery of the remaining balances of these
13 costs due to their relatively low amounts.

14 Q. Have you addressed all the expense adjustments on Schedule 1?

15 A. Yes. The remaining expenses not requiring adjustment are provided under the
16 description "Unadjusted O&M" on Exhibit 11 Summary, page 1 of 1.
17 Additionally, the expense related to the R&I Alliance is provided which is
18 discussed by Witness Wyatt. As stated earlier, Witness Doherty will address the
19 adjustment presented in Schedule 2.

20 Q. Please address the adjustments in Exhibit 11, Schedule 3, for Taxes Other than
21 Income.

22 A. Exhibit No. 11, Schedule 3 consists of three adjustments for payroll related taxes.

1 Exhibit No. 11, Schedule 1, Adjustment 1 discussed earlier in this testimony
2 proposes an increase in the test year level of payroll costs. As such, a
3 corresponding adjustment to payroll taxes is required.

4 Adjustment No.1 (Schedule 3, page 1) increases FICA taxes by \$51,168.
5 Adjustment No. 2 (Schedule 3, page 2) reduces Federal unemployment taxes
6 (FUTA) by \$158.

7 Adjustment No. 3 (Schedule 3, page 3) shows an increase in Idaho State
8 unemployment taxes of \$2,917.

9 The respective payroll tax increases are driven by salary increases and increased
10 headcount. All payroll taxes have been adjusted based on information received
11 indicating statutory limits and rates for 2009. Additionally, Witness Doherty will
12 discuss the income tax adjustments presented in Schedule 4.

13 Q. Does this conclude your testimony regarding operating expenses presented in
14 Exhibit 11, Schedules 1 and 3?

15 A. Yes.

16 Q. Please address your revenue testimony and related Exhibit 12, Schedules 1
17 through 7.

18 A. A separate analysis for revenues relating to the customer growth and volume
19 normalization were made for each customer class; residential, commercial, public
20 authority and fire protection. Exhibit 12, Schedule 1, Lines 1 through 5
21 summarizes the results of this analysis detailed on Schedules 3 and 4. Line 7 of
22 Exhibit 12, Schedule 1, removes unbilled revenue from the test year since the as-
23 adjusted revenue used in the determination of the revenue deficiency includes all

1 water priced and billed. Exhibit 12, Schedule 2 provides a detailed proof of
2 revenues for the test year. This schedule shows the billing determinants, or bill
3 counts and volume consumption by block during the test year applied to current
4 rates and supports the amount of revenues billed and recorded during the test year.

5 Q. Please address the customer growth adjustment appearing in Exhibit 12, Schedule
6 3.

7 A. This adjustment reflects the level of test year revenues assuming test year end
8 customers were on the system for the entire test year. In other words, it
9 annualizes test year end revenue levels by using test year end customer counts.
10 Line 4 of Exhibit 12, Schedule 3 increases 165 bills to residential, 159 bills to
11 commercial, reduces public authority by 3 bills and increases fire protection by
12 156 bills. Again, the bills associated with growth are estimates based on the
13 difference between the customer counts at test year end and the average test year
14 customer counts. Line 5 estimates the associated volumes associated with the
15 customer growth bills by using test year averages computed for each class which
16 divide the metered volumes by the customer count bills. Fire protection does not
17 have metered volumes. The resulting growth bills and volumes are applied to
18 average fixed and variable rates based on test year data. The result is an estimated
19 increase in revenues of \$53,251 for customer growth.

20 Q. Please address Exhibit 12, Schedule 4 adjustment which normalizes volumetric
21 usage and related revenue.

22 A. This adjustment consists of two components. The first component normalizes the
23 weather related usage with a five year average. This is accomplished by taking

1 the base usage or average winter use for the test year and the previous four years.
2 A customer's average winter use is a very good measure of indoor water use or
3 usage not influenced by weather. The average winter use is deducted from annual
4 average use to determine the average weather related usage. The weather related
5 usage was determined for the residential, commercial and public authority classes
6 for the test year and the previous four years. The weather usage for each of the
7 five years was averaged to arrive at an average excess over test year base usage or
8 weather related usage. The average weather usage is added to the test year base
9 usage for each class. The second part of this adjustment recognizes the trend of
10 eroding base usage as discussed by Witness Wyatt in his direct testimony. The
11 adjustment determines the average of the reductions in base usage for the test year
12 and previous four years for each customer class. Thus, the normalization
13 adjustment recognizes that weather patterns impact water usage as well as the
14 trend in the decline of base usage or indoor use. Exhibit 12, Schedule 4, Line 1
15 shows the averages resulting from the normalization calculations discussed above.
16 These averages are applied to the normalized customer bills (Line 2) to arrive at
17 test year normalized volumes on Line 3. The test year reported volumes on Line
18 4 are deducted from normalized volumes (Line 3) to determine the change in
19 volumes resulting in the normalization calculations (Line 5). The volumes on Line
20 5 are applied to the weighted average volume charges on Line 6 to arrive at the
21 increase or decrease in revenues in presented in Line 7. The Misc. Water Sales
22 appearing in column (d) on Exhibit 12, Schedule 4 represent bulk water sales
23 primarily related to construction use. These volumes are not weather sensitive

1 and a five year average was used to normalize these volumes and applicable
2 revenues.

3 Q. Please address Schedules 5, 6 and 7 of Exhibit 12.

4 A. Schedule 5 provides a breakdown of the revenues by their fixed, winter and
5 summer components. The purpose of this schedule is to demonstrate the
6 Company's compliance with the waiver granted by this Commission in its Order
7 No. 30865. The current revenues as adjusted, the revenue increase and the total
8 proposed revenues maintain the same fixed, winter and summer components or
9 proportions. Likewise, Schedule 6 provides the proposed rate design which
10 increases all rate components by the same proposed 15.29% increase in revenues
11 and maintains the 25% differential between winter and summer volumetric rates.
12 Finally Exhibit 12, Schedule 7 provides a proof of revenue using the new rates
13 and normalized billing determinants.

14 Q. Does this conclude your testimony?

15 A. Yes it does.

APPENDIX A

LIST OF TESTIMONY, EXPERT PROCEEDINGS, AND ENGAGEMENTS BY

CHARLES E. LOY, CPA

WATER UTILITY RATES AND REGULATION EXPERIENCE

Arizona Corporation Commission

Docket No. WS-01303A-006-0403

Presented testimony, prepared the Cost of Service study and rate design on behalf of Arizona-American Sun City and Sun City West Wastewater rate request.

Docket No. WS-01303A-06-0403

Presented testimony, prepared the Cost of Service study and rate design on behalf of Arizona-American Anthem/Aqua Fria Water and Wastewater rate request.

Docket No. WS-01303A-06-0014

Presented testimony, prepared the Cost of Service study, rate design, and assisted with the preparation of the revenue requirements on behalf of Arizona-American Mohave Water and Wastewater rate request.

Docket No. W-01656A-98-0577, SW-02334A-98-0577

Presented testimony for approval of a Central Arizona Project Water utilization plan, the implementation of a Groundwater Savings Fee and the recovery of deferred project costs.

Docket WS-02334A-98-0569

Presented a filing for the approval of an agreement relating to a wastewater plant de-nitrification project with the Sun City Recreation Centers and Del Webb Corporation.

Docket U-3454-97-599

Prepared and presented a filing for the approval of a CCN to provide water and wastewater services to Del Webb's Anthem project and the approval of two related agreements.

Docket No. E-1032-95-417 ET AL.

Presented testimony and prepared the rate filing on behalf of Citizens Utilities Maricopa County water properties 1995 rate request.

Arkansas Public Service Commission

Docket No. 06-160-U

Presented testimony, prepared the Cost of Service study and rate design on behalf of United Water Arkansas's 2006 rate request.

Docket No. 03-161-U

Presented testimony, prepared the Cost of Service study, rate design, and assisted with the preparation of the revenue requirements on behalf of United Water Arkansas's 2003 rate request.

1 **Connecticut Department of Public Utility Control**

2 Docket No. 07-05-44

3 Prepared the rate filing and supporting testimony on behalf of United Water Connecticut's 2007 water
4 rate request.

5
6 **Public Service Commission of Delaware**

7 PSC Docket No. 06-174

8 Presented testimony, prepared the Cost of Service study, rate design, revenue normalization and cash
9 working capital requirements on behalf of United Water Delaware's 2006 rate request.

10
11 PSC Docket No. 09-060

12 Presented testimony, prepared the Cost of Service study and rate design on behalf of United Water
13 Delaware's 2009 rate request

14
15 **Indiana Utility Regulatory Commission**

16 Cause No. 41842

17 Prepared the filing and presented testimony for the Petition of Utility Center Inc. for the recovery of
18 Distribution System Improvement Charges

19
20 Cause No. 41559

21 Prepared the filing and presented testimony for a Certificate of Territorial Authority to render Sewage
22 service.

23
24 Cause No. 41968

25 Directed the preparation of Utility Center Inc.' request for authority to increase its rates and charges for
26 water and sewer service.

27
28 **Illinois Commerce Commission**

29 Docket No. 94-0481

30 Presented testimony and prepared the filing on behalf of Citizens Utilities Company of Illinois 1994 rate
31 request.

32
33 Docket No. 95-0633

34 Presented testimony on behalf of Citizens Utilities Company of Illinois in Tudor Park Apartments vs.
35 Citizens Utilities of Illinois.

36
37 Docket No. 97-0372

38 Presented testimony on behalf of Citizens Utilities of Illinois in the Application for Consent to and
39 Approval of a Contract with Affiliated Interests.

40
41 **State Board of New Jersey Public Utilities**

42 BPU Docket No. WRO702125

43 Prepared and presented testimony on the determination of the cash working capital requirements on
44 behalf of United Water New Jerseys 2007 rate request.

45
46
47

1 **New Mexico Public Regulation Commission**

2 Case No. 09-00156-UT

3 Presented testimony and prepared the water rate filing on behalf of New Mexico –American Water Co.
4 Edgewood District.

5
6 Case No. 08-00134-UT

7 Presented testimony and prepared the water rate filing on behalf of New Mexico –American Water Co.
8 Clovis District.

9
10 Case No. 07-00435-UT

11 Presented testimony and prepared the water and wastewater rate filing on behalf of New Mexico Utilities
12 Inc.

13
14 **Public Utilities Commission of Ohio**

15 Docket No. 98-178-WS-AIR

16 Presented testimony and prepared the filing on behalf of Citizens Utilities Company of Ohio 1998 rate
17 request.

18
19 Docket No. 94-1237

20 Presented testimony and prepared the filing on behalf of Citizens Utilities Company of Ohio 1994 rate
21 request.

22
23 **Pennsylvania Public Utility Commission**

24 Docket No. R-00051186

25 Assisted with analysis/filing preparation of United Water Pennsylvania, Inc. 2005 Rate Case.

26
27 Docket No. R-00953300

28 Presented testimony on behalf of Citizens Utilities Company of Pennsylvania 1995 rate request.

29
30 **Texas Commission of Environmental Quality**

31 Docket No. 36254-R

32 Application for a 2008 Water Rate/Tariff Change of Canyon Lake Water Service Company
33 Prepared the application on behalf of Canyon Lake WSC.

34
35 Docket No. 35850-R

36 Application for a 2007 Water Rate/Tariff Change of Canyon Lake Water Service Company
37 Prepared the application on behalf of Canyon Lake WSC.

38
39 Docket No. 33763-R

40 Application for a 2007 Water and Sewer Rate/Tariff Change of Midway, Inc. For the City of Oak Point
41 Service area. Filing initially made with the City of Oak Point.

42
43 Docket Nos. 35748-R & 35747-R

44 Application for a Water and Sewer Rate/Tariff Change of Monarch Utilities LP
45 Prepared the application on behalf of Monarch.

46
47

1 **Texas Commission of Environmental Quality-cont.**

2 Docket No. 2006-0072-UCR

3 Application for a Water and Sewer Rate/Tariff Change of Aqua Texas, Inc
4 Prepared application and presented testimony on behalf of Aqua Texas, Inc.

5
6 Docket No. 2007-0478-UCR

7 Application for a Water and Sewer Rate/Tariff Change of Texas American Water Inc.
8 Prepared the application on behalf of Texas American Water.

9
10 Docket No. 2005-0114-UCR

11 Application for a Water and Sewer Rate/Tariff Change of Aqua Texas, Inc
12 Presented Testimony on behalf of Aqua Texas, Inc.

13
14 Docket No. 2004-2029-UCR

15 Application for a Water and Sewer Rate/Tariff Change of Walker Water Works, Inc.
16 Prepared the application on behalf of Texas American Water.

17
18 Application Nos. 34658-R & 34659-R

19 Application for a Water and Sewer Rate/Tariff Change of Southwest Utilities, Inc.
20 Prepared the application on behalf of Texas American Water.

21
22 Docket Nos. 2000-1074-UCR, 2000-1075-UCR, 2000-1366 UCR through 2000-1369 UCR

23 Assisted in the preparation and presentation of the Aqua Source 2000 rate increase

24
25 Application No. 7371-R (Texas Water Commission)

26 Assisted in the analysis of Southern Utilities 1988 rate request on the behalf of Southern Utilities
27 customers.

28 **GAS UTILITY RATES AND REGULATION EXPERIENCE**

29
30 **Railroad Commission of Texas**

31 GUD Docket 9731

32 Prepared filing and testimony of behalf of Hughes Natural Gas 2007 rate increase for the environs of the
33 City of Magnolia.

34
35 GUD Docket 9488-9512

36 Prepared filing and testimony of behalf of West Texas Gas 2004 rate increase for the environs of cities
37 served.

38
39 GUD Docket 8033

40 Filed testimony on behalf of Southern Union Gas Company's 1991 appeal for a rate increase in South
41 Jefferson County.

42
43 GUD Docket 7878

44 Filed testimony and prepared the rate filing on behalf of Southern Union Gas Company's 1991 request for
45 a rate increase in the Austin environs.
46

1 **Railroad Commission of Texas-cont.**

2 GUD Docket 6968

3 Assisted in the analysis of Southern Union Gas Company's 1987 appeal for a rate increase on the behalf
4 of the City of Austin

5
6 **Oklahoma Corporation Commission**

7 Docket No. 001345

8 Presented testimony and prepared the rate filing on behalf of Southern Union Gas Company's 1992 rate
9 request.

10
11 **City of Austin**

12 Presented testimony and prepared filing as well as conducted settlement negotiations associated with
13 Southern Union's 1993 rate request.

14
15 Presented testimony and prepared filing on behalf of Southern Union Gas Company's 1991 rate request.

16
17 Assisted in the analysis of Southern Union Gas Company's 1987 rate request on behalf of the City of
18 Austin.

19
20 **City of El Paso**

21 Presented testimony and prepared filing as well as participated in the settlement negotiations of Southern
22 Union's 1993 rate request.

23
24 Presented testimony and prepared filing on behalf of Southern Union Gas Company 1991 rate request.

25
26 Presented testimony and prepared the filing on behalf of Southern Union Gas Company 1990 request.

27
28 **City of Port Arthur**

29 Presented testimony and prepared filing on behalf of Southern Union Gas Company's 1991 rate request.

30
31 Participated in Southern Union Gas Company's 1990 rate request.

32
33 **City of Monahans**

34 Presented testimony and prepared filing on behalf of Southern Unions Gas Company's 1992 rate request.

35
36 Assisted in the analysis of Southern Union Gas Company's 1989 rate request on the behalf of the City of
37 Monahans.

38
39 **City of Borger**

40 Prepared testimony and prepared the filing on behalf of Southern Union Gas Company's 1992 rate
41 request.

42
43 Participated in Southern Union Gas Company's 1989 rate request on the behalf of the City of Borger.

44
45 **City of Galveston**

46 Presented testimony and prepared the filing on behalf of Southern Union Gas Company's 1992 rate
47 request.

ELECTRIC UTILITY RATES AND REGULATION EXPERIENCE

Public Utility Commission of Texas

Docket No. 31250

Presented testimony and rate filing on behalf of Rio Grande Electrical Cooperatives 2005 Change in rates for wholesale transmission service.

Docket No. 8702

Assisted in the analysis of Gulf States Utilities 1987 rate request.

Docket 8646

Assisted in the analysis of Central Power & Light's 1988 rate request.

Docket 7661

Assisted in the analysis of the City of Fredericksburg's proposed amendment to Certificate of Convenience.

Docket 7510

Assisted in the analysis of West Texas Utilities Company's 1987 rate request.

Federal Energy Regulatory Commission

Docket No. ER88-202-0000

Assisted in the analysis of the Maine Yankee Atomic Power Plant Decommissioning.

Docket No. ER88-224-0000

Assisted in the analysis of the Carolina Power & Light Company Atomic Power Plant Decommissioning.

City of Bryan

Developed and programmed data management system for the city electric department.

City of Fredericksburg

Organized and performed an electric rate survey of Central Texas.

Assisted in a load and rate design study.

City of Austin

Assisted in the analysis of the City Electric Utility Department's 1989 rate request.

UNITED WATER IDAHO
Summary of Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

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Schedule	Adj. No.	Description	Account Reference	Test Year Per Books (1)	Adjustments (2)	Pro Forma Test Year (3)
		Adjusted O&M:				
Schedule 1	1	Payroll to Operating Expense	Various	\$3,698,754	\$400,500	\$4,099,254
"	2	Employee Pension Cost	91500	\$738,075	(\$277,113)	\$460,962
"	3	Post Retirement Health Care Accrual	91550 & 92056	\$560,832	(\$37,651)	\$523,181
"	4	Employee Group Health & Life	91700	\$693,321	\$137,929	\$831,250
"	5	Employee 401K	91800	\$105,716	\$11,446	\$117,162
"	6	Fringe Benefits Transferred	90950	(\$820,709)	\$33,149	(\$787,560)
"	7	Purchased Water	50605	\$122,590	\$46,264	\$168,854
"	8	Purchased Power	50610	\$1,510,530	\$717,453	\$2,227,983
"	9	Chemicals	50635	\$310,073	\$20,316	\$330,389
"	10	UBS Contract Billing & Postage	50400 & 90450	\$702,842	\$19,504	\$722,346
"	11	Bad Debt Expense	90400	\$137,587	\$16,131	\$153,718
"	12	Postage & Air Freight: non UBS	90450	\$101,610	(\$12,879)	\$88,732
"	13	Lab Testing Fees	50420	\$105,899	(\$17,469)	\$88,430
"	14	Amortization of Tank Painting Expense	92053	\$14,286	\$17,539	\$31,825
"	15	Conservation Expense-Deferral & Ongoing Expense	Various	\$0	\$102,098	\$102,098
"	16	Eliminate Lobbying, Dues, & Charitable Giving	Various	\$0	(\$29,482)	(\$29,482)
"	17	IPUC Annual Assessment	91900	\$79,964	\$12,757	\$92,721
"	18	Increase to Expenses Due to Volume Normalization	Various	\$0	(\$1,778)	(\$1,778)
"	19	M & S Fees	90850-52	\$2,425,157	(\$13,024)	\$2,412,133
"	20	Amortization of Rate Case Expense (Old)	92000	\$138,263	(\$71,968)	\$66,295
"	21	Amortization of Deferred Power Cost	92061	\$109,650	\$228,948	\$338,598
"	22	Amortization of Relocation Expense	92052	\$16,000	(\$16,000)	\$0
"	22	Misc Amortization	92054	\$2,400	(\$2,400)	\$0
"	22	Amortization of Legal Expense	92058	\$2,450	(\$2,450)	\$0
		Total Adjusted O&M		\$10,755,290	\$1,281,820	\$12,037,111
		Unadjusted O&M:				
		Outside Service Mgt Fee (R+I Alliance)	91310	\$203,994	\$0	\$203,994
		Other Operation and Maintenance Expense	Various	\$2,806,264	\$0	\$2,806,264
		Total Operation and Maintenance Adjustments		\$13,765,548	\$1,281,820	\$15,047,368
Schedule 2		Depreciation				
"		Amortization of Plant Held for Future Use	70100	\$7,051,962	\$203,372	\$7,255,334
"		Amortization of Utility Plant Acq. Adjmnts	70105	\$0	\$0	\$0
"			92100	\$9,329	\$0	\$9,329
		Total Depreciation and Amortization		\$7,061,291	\$203,372	\$7,264,663
Schedule 3		Ad Valorem Taxes				
"	1	Payroll Taxes - FICA	70200	\$1,370,595	\$0	\$1,370,595
"	2	Payroll Taxes - FUTA	70251	\$368,903	\$51,168	\$420,071
"	3	Payroll Taxes - SUTA	70252	\$5,862	(\$158)	\$5,704
"		Payroll Taxes - SUTA	70253	\$11,778	\$2,917	\$14,695
		Total Taxes Other		\$1,757,138	\$53,927	\$1,811,065
		Total Operating Expenses		\$22,583,977	\$1,539,120	\$24,123,096

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 1
Adjustment of Payroll Chargeable to Operation & Maintenance

Line No.	Description	Employee Count	Payroll	Total Payroll	Adjustment Amount
1	To adjust labor chargeable to operation and maintenance expense based upon pay rates at April 1, 2010 levels and the level of employees at that time.				<u>\$400,500</u>
2	Administrative, Engineering, Accounting, Inside Customer Servi	38	\$2,067,668		
3	Production Employees	22	\$1,224,706		
4	Transmission and Distribution Employees	28	\$1,414,669		
5	Outside Commercial Employees: Meter Readers/Service People	11	\$493,865		
6	Subtotal	99		<u>\$5,200,908</u>	
7	Stand By Pay Per Bargaining Unit Contract		\$31,431		
8	Shift Pay Per Bargaining Unit Contract		\$2,326		
9	Seasonal Temporary Employees & Summer Interns		\$29,540		
10	Incentive Pay Programs		\$218,983		
11	Overtime Per Test Year		\$104,671		
12	Subtotal			<u>\$386,951</u>	
13	Pro Forma Payroll @ April 1, 2010 Rates			<u>\$ 5,587,860</u>	
14	% Applicable to O&M Expense			73.3600%	
15	Pro Forma O&M Payroll @April 1, 2010 Rates			<u>\$4,099,254</u>	
16	Test Year Expense			<u>\$3,698,754</u>	
17	Adjustment			<u><u>\$400,500</u></u>	

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UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 2
Adjustment of Pension Expense

Line No.	Description	Amount	Adjustment Amount
1	To adjust Employee Pension Expense to the latest actuarial study cash contribution estimate.		<u>(\$277,113)</u>
2	Idaho Bargaining Unit	\$175,800	
3	Idaho Non-Bargaining Unit	\$285,162	
4	Total Pro Forma Expense	<u>\$460,962</u>	
5	Test Year Expense	\$738,075	
6	Adjustment	<u>(\$277,113)</u>	

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 3
Adjustment of FAS 106 Post Retirement Health Care Expense

Line No.	Description	Amount	Adjustment Amount
1	To Adjust Post Retirement Health Care Cost to the current level per the latest actuarial data in accord with FAS 106		<u>(\$37,651)</u>
2	Idaho Bargaining Unit	\$148,095	
3	Idaho Non Bargaining Unit	\$282,448	
4	Annual ITO Amortization Expense	\$52,078	
5	PEBOP Amortization	\$40,560	
6	Total Pro Forma Expense	<u>\$523,181</u>	
7	Test Year Expense	\$560,832	
8	Adjustment	<u><u>(\$37,651)</u></u>	

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 4
Adjustment of Employee Health Care Expense & Benefits

Line No.	Description	Amount	Adjustment Amount
1	To adjust health care (medical, dental & Vision) and GTL expense to the current costs and to the pro forma headcount of 99 employees		<u>\$137,929</u>
2	Gross Horizon Blue Cross & Blue Shield	\$848,996	
3	Gross Vision Coverage	\$12,761	
4	Gross Dental Coverage	\$74,951	
5	Group Term Life Insurance Coverage	\$27,383	
6	BCBS Payments	\$2,700	
7	Total Coverage Cost	<u>\$966,791</u>	
8	Less: Employee Cost Sharing	\$211,109	
9	Net Pro Forma Health Care, LTD and GTL Expense @ 2009 Rates	<u>\$755,682</u>	
10	Estimated 2010 Net Health Care Increase	10.00%	
11	Pro Forma Estimated 2010 Health Care Cost	\$831,250	
12	Test Year Expense	\$693,321	
13	Adjustment	<u>\$137,929</u>	

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 5
Normalize Company 401(k) Matching Percentage

Line No.	Description	Amount	Adjustment Amount																																																								
1	To normalize Company contribution to 401(k) savings plan based upon historical participation rates and proposed headcount.		<u>\$11,446</u>																																																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Date</th> <th style="text-align: center;">Total Test Year</th> <th style="text-align: center;">Monthly Match</th> <th style="text-align: center;">Eligible Employees</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">2</td><td style="text-align: right;">\$10,812</td><td style="text-align: right;">\$10,812</td><td style="text-align: center;">94</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: right;">\$7,351</td><td style="text-align: right;">\$7,351</td><td style="text-align: center;">95</td></tr> <tr><td style="text-align: center;">4</td><td style="text-align: right;">\$8,746</td><td style="text-align: right;">\$8,746</td><td style="text-align: center;">94</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: right;">\$9,303</td><td style="text-align: right;">\$9,303</td><td style="text-align: center;">94</td></tr> <tr><td style="text-align: center;">6</td><td style="text-align: right;">\$9,702</td><td style="text-align: right;">\$9,702</td><td style="text-align: center;">93</td></tr> <tr><td style="text-align: center;">7</td><td style="text-align: right;">\$9,827</td><td style="text-align: right;">\$9,827</td><td style="text-align: center;">95</td></tr> <tr><td style="text-align: center;">8</td><td style="text-align: right;">\$6,468</td><td style="text-align: right;">\$6,468</td><td style="text-align: center;">94</td></tr> <tr><td style="text-align: center;">9</td><td style="text-align: right;">\$9,031</td><td style="text-align: right;">\$9,031</td><td style="text-align: center;">94</td></tr> <tr><td style="text-align: center;">10</td><td style="text-align: right;">\$7,795</td><td style="text-align: right;">\$7,795</td><td style="text-align: center;">94</td></tr> <tr><td style="text-align: center;">11</td><td style="text-align: right;">\$8,473</td><td style="text-align: right;">\$8,473</td><td style="text-align: center;">94</td></tr> <tr><td style="text-align: center;">12</td><td style="text-align: right;">\$8,715</td><td style="text-align: right;">\$8,715</td><td style="text-align: center;">95</td></tr> <tr><td style="text-align: center;">13</td><td style="text-align: right;">\$9,492</td><td style="text-align: right;">\$9,492</td><td style="text-align: center;">95</td></tr> <tr> <td style="text-align: center;">14</td> <td style="text-align: center;">Total</td> <td style="text-align: right;"><u>\$105,716</u></td> <td style="text-align: right;"><u>1,131</u></td> </tr> </tbody> </table>	Date	Total Test Year	Monthly Match	Eligible Employees	2	\$10,812	\$10,812	94	3	\$7,351	\$7,351	95	4	\$8,746	\$8,746	94	5	\$9,303	\$9,303	94	6	\$9,702	\$9,702	93	7	\$9,827	\$9,827	95	8	\$6,468	\$6,468	94	9	\$9,031	\$9,031	94	10	\$7,795	\$7,795	94	11	\$8,473	\$8,473	94	12	\$8,715	\$8,715	95	13	\$9,492	\$9,492	95	14	Total	<u>\$105,716</u>	<u>1,131</u>		
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UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 6
Adjust Payroll Overheads Charged to Balance Sheet Accounts

Line No.	Description	Test Year Amount	Pro Forma Amount	Adjustment Amount
1	To normalize the Fringe Benefit Allocation charged to non Operations & Maintenance Accounts based on pro forma level of expenses and the net test year allocation factor.			<u>\$33,149</u>
Total Fringe Benefit Accounts:				
	Account			
2	70250 Payroll Taxes	\$336	\$0	
3	70251 FICA Taxes	\$368,903	\$420,071	
4	70252 FUTA Taxes	\$5,862	\$5,862	
5	70253 SUTA Taxes	\$11,778	\$14,695	
6	91460 Worker Compensation	\$210,400	\$210,400	
7	91500 Employee Pension	\$738,075	\$460,962	
8	91550 Post Retirement Health Care	\$520,272	\$482,621	
9	91700 Group Health & Life	\$693,321	\$831,250	
10	91800 Employee 401-k	\$105,716	\$117,162	
11	91850 Other Employee Benefits	\$68,750	\$68,750	
12	92056 Amortization of OPEB Cost	\$40,560	\$40,560	
13	Total	<u>\$2,763,974</u>	<u>\$2,652,334</u>	
14	Net Fringe Benefits Transferred Off I/S	\$820,709	\$787,560	<u>\$33,149</u>
15	Test Year Percentage Transferred	29.69%	29.69%	

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 7
Adjustment of Purchased Water Cost

Line No.	Description	Test Year Amount	Adjustment Amount
1	Adjust purchased water expense for rented and leased natural flow rights, shares in canal companies and contracts/leases for storage water		<u>\$46,264</u>
2	Natural Flow associated expenses	\$0	
3	Shares in Canal Companies, maintenance	\$41,845	
4	Contracts & Leases for storage water	\$45,629	
5	Basin 63 Rental Pool	\$81,380	
6	Pro Forma Purchased Water	<u>\$168,854</u>	
7	Test Year Expense	\$122,590	
8	Adjustment	<u>\$46,264</u>	

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 8
Adjust Purchased Power Expense

Line No.	Description	Test Year Amount	Adjustment Amount
1	To adjust purchased power expense based on pricing at Idaho Power rates effective June 1, 2009		<u>\$717,453</u>
		Tariff	Amount
2	Marden Water Treatment Plant Annual Expense	19P	\$254,084
3	Columbia Water Treatment Plant	9P	\$87,394
4	Boise River Raw Water Pump Station	9P	\$185,944
5	Alternate Distribution Service for CWTP & RWPS	46	\$32,726
6	Wells	9S & 7	\$1,384,970
7	Boosters	9S & 7	\$307,365
8	Benefit of Enernoc Demand Response Program		(\$24,500)
9	Total Pro Forma Purchased Power Expense		<u>\$2,227,983</u>
10	Test Year Purchased Power Expense		<u>\$1,510,530</u>
11	Adjustment		<u>\$717,453</u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 9
Adjust Chemical Expense

Line No.	Description	Test Year Amount	Adjustment Amount
1	To adjust chemical expense using test year quantities priced at current price		<u>\$20,316</u>
2	Water Treatment Plants	\$100,575	
3	Source of Supply Wells Chemical Usage	\$223,365	
4	Red B Gone/ Well Cleaning	\$1,980	
5	Maintenance	\$4,469	
6	Test Year Usage at Current Prices	<u>\$330,389</u>	
7	Test Year Expense	\$310,073	
8	Adjustment	<u>\$20,316</u>	

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 10
Adjust UBS Customer Information System (billing) Expense

Line No.	Description	Test Year Amount	Adjustment Amount	
1	To adjust customer billing expense to May 31, 2009 customer level		<u>\$19,504</u>	
	<i>UBS Cost Detail:</i>	<u>Test Year</u>	<u>Pro Forma</u>	<u>Adjustment</u>
2	Arrears Letters	\$61,910	\$61,953	\$43 (1)
3	Billing Service Charges	\$471,486	\$472,523	\$1,037 (1)(2)
4	Postage	\$157,302	\$169,754	\$12,451 (4)
5	E Bill Cost	\$422	\$8,856	\$8,434
6	E Bill Cost Reductions (Billing/Postage)	\$0	(\$58,511)	(\$58,511) (3)
7	Budget Bills	\$0	\$56,049	\$56,049
8	Programming & Other Costs	<u>\$11,722</u>	<u>\$11,722</u>	<u>\$0</u> (5)
9	Total	\$702,842	\$722,346	\$19,504

-
- (1) Customer growth rate (see customer growth revenue adjustment).
 - (2) Annualize UBS Dec 08 billing charge increase.
 - (3) Reflects anticipated reduction in future print billings, postage and lockbox due to increase in E-Bills.
 - (4) Annualize Postage Rate Increase effective May 11 2009.
 - (5) Assume Test Year cost levels.

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 11
Adjust Uncollectible Accounts Expense

Line No.	Description	Test Year Amount	Adjustment Amount
1	To normalize uncollectible accounts expense based on Test Year actual		<u>\$16,131</u>
	Net Write		
	<u>Fiscal Period</u>	<u>Offs</u>	<u>Revenue</u>
	<u>%</u>		
2	June 2008 to May 2009	\$153,387	\$36,905,290
			0.42%
5	Test Year Uncollectible Rate		0.42%
6	Pro Forma Revenue at Existing Rates		\$36,984,886
7	Pro Forma Annual Expense		<u>\$153,718</u>
8	Test Year Expense		\$137,587
9	Adjustment		<u><u>\$16,131</u></u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 12
Adjust Customer Notice Postage Expense

Line No.	Description	Test Year Amount	Test Year Adj	Pro Forma Amount	Adjustment Amount
1	To adjust customer postage expense to May 11, 2009 customer level and current postal rates				<u>(\$12,879)</u>
2	Auto Sort: Notices & General Postage	\$57,139	\$2,720	\$59,859	
3	CCR: Draper & Associates	\$37,159	(\$15,609)	\$21,550	
4	Non UBS Courier Service	\$7,092	\$0	\$7,092	
5	Stamps	\$220	\$10	\$230	
6	Pro Forma Annual Expense			<u>\$88,732</u>	
7	Test Year Expense			<u>\$101,610</u>	
8	Adjustment				<u><u>(\$12,879)</u></u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 13
Water Quality Testing Expense

Line No.	Description	Test Year Amount	Adjustment Amount
1	To adjust test year level of outside laboratory expense to comply with current testing cycle		<u>(\$17,469)</u>
	Pro Forma Testing Costs 2010 budgeted Costs:		
2	IOCs	\$5,823	
3	VOCs	\$19,323	
4	SOCs	\$27,096	
5	Nitrate	\$1,088	
6	Fe/Mn	\$1,512	
7	Arsenic	\$589	
8	Radionuclides	\$3,229	
9	Coliform (BACT)	\$15,840	
10	GWR (BACT)	\$600	
11	DBPs	\$7,200	
12	TOCs	\$2,430	
13	Toxicity	\$1,200	
14	Misc/Pilot Testing	<u>\$2,500</u>	
15	Total Pro Forma	\$88,430	
16	Test Year Amount	\$105,899	
17	Adjustment		<u><u>(\$17,469)</u></u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 14
Adjustment of Deferred Tank Painting Expense

Line No.	Description	Test Year Amount	Adjustment Amount
1	To adjust the test year level of amortization expense for deferred tank painting due to additional deferred paintings		<u>\$17,539</u>
2	Test Year Tank Painting Amortization	\$14,286	
	<i>Additional Tanks:</i>		
3	Ustick Reservoir \$74,183 20 Years	\$3,709	Completed
4	Steelhead Reservoir \$100,000 20 Years	\$5,000	Fall 2009
5	Crestline Reservoir \$76,600 20 Years	\$3,830	Fall 2009
6	Hillcrest Reservoir \$100,000 20 Years	<u>\$5,000</u>	Fall/Winter 2009
7	Pro Forma Additional Annual Amortization Expense	\$31,825	
8	Test Year Tank Painting Amortization	\$14,286	
9	Adjustment		<u><u>\$17,539</u></u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 15
Adjustment to Recover Deferred and Ongoing Conservation Expense

Line No.	Description	Test Year Amount			Adjustment Amount
1	Proposed Adjustment				<u>\$102,098</u>
		<u>Costs Deferred</u>	<u>Estimated Deferrals 12/31/2009</u>	<u>Total Deferral 12/31/2009</u>	
	<i>Implementation Costs Deferred:</i>				
2	Outside Consultant : Maddaus Water Management	\$75,426	\$0	\$75,426	
3	Misc	\$9,409	\$0	\$9,409	
	<i>Ongoing Costs Deferred:</i>				
4	Niagara Conservation Corp: Conptimer	\$22,454	\$15,000	\$37,454	
5	Niagara Conservation Corp: Conpspray	\$0	\$6,000	\$6,000	
6	Pipeco Inc: Conpsensor	\$14,905	\$16,027	\$30,933	
7	Squire Plumbing Commercial Sprayer Installation	\$0	\$3,750	\$3,750	
8	State of Idaho Xeriscaped Demonstration Areas	\$0	\$21,304	\$21,304	
9	Idaho Botanical Garden Xeriscaped Demonstration Area	\$0	\$10,500	\$10,500	
10	Misc	\$519	\$0	\$519	
11	Total Deferral			<u>\$195,295</u>	
12	Proposed 3 Year Amortization			\$65,098	
13	Estimated Ongoing Annual Costs (Average of Ongoing Costs)			<u>\$37,000</u>	
14	Pro Forma Conservation Expenses				<u><u>\$102,098</u></u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 16
Eliminate Expenses Not Allowable for Rate Making Purposes

Line No.	Description	Test Year Amount	Adjustment Amount
1	Adjust Test Year for Country Club Dues, Charitable Giving, Employee Events, Lobbying Portion of Business Dues and certain Sponsorships		<u>(\$29,482)</u>
2	Account 90500 Hillcrest Dues	\$5,209	
3	Account 09500 Lobbying Portion of Dues-NAWC & IACI	\$5,018	
4	Account 92400 Charitable Contributions	\$6,987	
5	Account 92600 Komen Race for Cure	\$980	
6	Account 92600 Retirement Party	\$1,710	
7	Account 92600 Annual Picnic	\$1,440	
8	Account 92600 Christmas Party	\$8,138	
9	Total Test Year Elimination		<u><u>(\$29,482)</u></u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 17
Adjust IPUC Annual Assessment

Line No.	Description	Test Year Amount	Adjustment Amount
1	To adjust test year level of IPUC annual assessment based on latest assessment rate and pro forma adjusted revenue		<u>\$12,757</u>
2	Total revenue subject to adjustment	\$36,984,886	
3	IPUC assessment rate	<u>0.250700%</u>	
4	Pro Forma IPUC Assessment	\$92,721	
5	Test Year Expense	<u>\$79,964</u>	
6	Adjustment		<u>\$12,757</u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 18
Adjust Expenses Related to Volume Normalization

Line No.	Description	Test Year Amount	Adjustment Amount
1	To adjust purchased power expense and chemical expense for the upward volume normalization expense		<u>(\$1,778)</u>
2	Test Year Purchased Power Expense	\$1,510,530	
3	Test Year Chemical Expense	\$310,073	
4	Total Variable Cost Related to Volume Normalization	<u>\$1,820,603</u>	
5	Total Variable Expense	\$1,820,603	
6	Test Year Variable Revenue	\$27,197,497	
7	Ratio of Variable Cost to Revenue	6.69%	
8	Volume Adjustment	(\$26,565)	
9	Variable Expense associated with Volume Normalization		<u><u>(\$1,778)</u></u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 19
Adjust Expenses Related to M & S Fees

Line No.	Description	Test Year Amount	Pro Forma Amount	Adjustment Amount
1	To Remove Non-regulated M&S Fees			<u>(\$13,024)</u>
2	90850 Corporate M&S Fees	\$1,214,741	\$1,214,741	
3	90851 Regulated M&S Fees	\$1,197,392	\$1,197,392	
4	90852 Non-regulated M&S fees	<u>\$13,024</u>	<u>\$0</u>	<u>(\$13,024)</u>
		<u>\$2,425,157</u>	<u>\$2,412,133</u>	<u>(\$13,024)</u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 20
Adjust Rate Case Amortization

Line No.	Description	Test Year Amount	Adjustment Amount
1	To amortize over three years the projected level of deferred rate case expense		<u>(\$71,968)</u>
2	Estimated deferred rate case expense	\$172,500	
3	Remaining Unamortized Balance March 2010	\$26,384	
4	Balance To Be Amortized	<u>\$198,884</u>	
5	Pro Forma Rate Case Expense Amortzation (3 Years)	\$66,295	
6	Test Year Expense	\$138,263	
7	Adjustment		<u><u>(\$71,968)</u></u>

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 21
Adjust Amortization of Deferred Power Expense

Line No.	Description	Test Year Amount	Adjustment Amount
1	To reflect the amortization of deferred power expense as established by IPUC Order No 28505 in Case UWI-W-00-1		<u>\$ 228,948</u>
2	Balance June 30, 2009	\$509,744	
3	Estimated Additions Through March 2010	\$499,950	
4	Estimated Interest @ 1%	\$6,099	
5	Total Estimated Balance To be Recovered	<u>\$1,015,793</u>	
6	Three Year Amortization	\$338,598	
7	Test Year Amortization	\$109,650	
8	Adjustment	<u>\$228,948</u>	

UNITED WATER IDAHO
Adjustments to Operation & Maintenance Expenses
Test Year Ending May 31, 2009

Adjustment No. 22
Eliminate Amortization Expense

Line No.	Description	Test Year Amount	Adjustment Amount
1	To Eliminate Amortization Expense that will be depleted in 2010		<u>(\$20,850)</u>
	March 2010		
	Remaining Balance		
2	Amortization of Relocation Expense	\$16,000	
	\$5,333 4 months		
3	Misc Amortization Expense	\$2,400	
	\$800 4 months		
4	Amortization of Legal Expense	\$2,450	
	\$817 4 months		
5	Total Test Year Amortization to Eliminate		<u><u>\$20,850</u></u>

**UNITED WATER IDAHO
Adjustments To Other Taxes
Test Year Ending May 31, 2009**

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**Adjustment No. 1
Adjust Payroll Taxes - FICA**

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Line No.	Description	Test Year Amount	Adjustment Amount
1	To adjust Employer FICA Tax Liability		<u>\$51,168</u>
		<u>FICA Amount</u>	<u>Medicare Amount</u>
2	FICA Base for 2009	\$106,800	No Limit
3	FICA Rate for 2009	<u>6.20%</u>	<u>1.45%</u>
4	Pro Forma Payroll at 2010 Rates	\$5,587,860	\$5,587,860
5	Wages in Excess of FICA base	<u>\$119,364</u>	\$0
6	Taxable Wages	\$5,468,496	\$5,587,860
7	FICA Tax Rates	<u>6.20%</u>	<u>1.45%</u>
8	Pro Forma FICA Tax	\$339,047	\$81,024
9	Test Year Expense	<u>\$368,903</u>	
10	Adjustment		<u><u>\$51,168</u></u>

**UNITED WATER IDAHO
Adjustments To Other Taxes
Test Year Ending May 31, 2009**

**Adjustment No. 2
Adjust Payroll Taxes - FUTA**

Line No.	Description	Test Year Amount	Adjustment Amount
1.	To adjust Federal Unemployment Insurance Tax		<u>(\$158)</u>
2.	Federal Taxable Base	\$7,000	
3.	Federal Tax Rate	0.80%	
4.	Employees covered by Federal Unemployment Tax (99 FT, 2 Temps @ \$7,000 limit, 2 Interns \$5,906)		
5.	Taxable Base	\$712,906	
6.	Taxable Wages	\$712,906	
7.	Tax Rate	0.80%	
8.	Pro Forma Federal Unemployment Tax	\$5,704	
9.	Test Year Expense	<u>\$5,862</u>	
10.	Adjustment	<u>(\$158)</u>	

**UNITED WATER IDAHO
Adjustments To Other Taxes
Test Year Ending May 31, 2009**

**Adjustment No. 3
Adjust Payroll Taxes - SUTA**

Line No.	Description	Test Year Amount	Adjustment Amount
1	To adjust State Unemployment Insurance Tax		<u>\$2,917</u>
2	2009 Idaho Taxable Base	\$33,200	
3	2009 Idaho U C Tax Rate for UWID	0.447%	
4	Employees covered by U.C. Tax:		
5	92 employees at full base	\$3,054,400	
6	7 employees \$28,123 short of full base	\$203,587	
7	Temps and Interns	<u>\$29,540</u>	
8	Taxable Base	\$3,287,527	
9	Tax Rate	<u>0.447%</u>	
10	Pro Forma Idaho Unemployment Tax	\$14,695	
11	Test Year Expense	<u>\$11,778</u>	
12	Adjustment		<u><u>\$2,917</u></u>

UNITED WATER IDAHO
Summary of Adjustments to Operating Revenue
Test Year Ending May 31, 2009

Line No.	Revenue Description (a)	Test Year Per Books (b)	Adjustments		Test Period As Adjusted (f)
			Cust Growth (c)	Normalization (d)	
1	Residential	\$25,000,036	\$9,382 (1)	\$120,147 (2)	\$25,129,566
2	Commerical	\$10,919,082	\$32,764 (1)	(\$196,087) (2)	\$10,755,759
3	Fire Protection	\$701,353	\$11,818 (1)		\$713,171
4	Public Authority	\$187,640	(\$713)	(\$1,272) (2)	\$185,654
5	Miscellaneous Service	\$173,794		\$13,242 (2)	\$187,036
6	Rents from Water Property	\$13,700			\$13,700
7	Other	(\$90,316)			\$0
8	Total	\$36,905,290	\$53,251	(\$63,971)	\$36,984,886

- (1) See schedule for customer growth calculations
- (2) See schedule for usage normalization calculations
- (3) Reverse Unbilled Revenues

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UNITED WATER IDAHO
Revenues at Current Rates
Test Year Ending May 31, 2009

Meter Size	Bi-Monthly Charge	Fire Bi-Monthly Charge	Residential		Commercial		Public Authority		Fire Protection		Total	
			Bills Rendered	Fixed Revenues	Bills Rendered	Fixed Revenues	Bills Rendered	Fixed Revenues	Bills Rendered	Fixed Revenues	Bills Rendered	Fixed Revenues
5/8	\$16.21		83,665	\$1,319,497	2,878	\$46,355	9	\$138	0	\$0	86,552	\$1,365,990
3/4	\$16.21		321,195	\$5,056,341	12,372	\$199,059	57	\$884	0	\$0	333,624	\$5,256,284
1	\$21.31		42,448	\$883,240	14,335	\$303,801	171	\$3,475	0	\$0	56,954	\$1,190,516
1.5	\$34.53		1,276	\$43,007	9,844	\$338,204	106	\$3,506	0	\$0	11,226	\$384,717
2	\$49.85		623	\$29,999	10,168	\$503,786	246	\$11,719	0	\$0	11,037	\$545,505
3	\$91.58	\$14.19	10	\$916	757	\$69,041	6	\$549	4,646	\$65,896	5,419	\$136,402
4	\$145.76	\$21.51	0	\$0	232	\$33,760	5	\$657	5,849	\$125,788	6,086	\$160,204
6	\$280.52	\$53.42	0	\$0	18	\$5,049	0	\$0	5,941	\$317,324	5,959	\$322,374
8	\$423.17	\$87.77	0	\$0	3	\$1,270	0	\$0	1,643	\$144,182	1,646	\$145,452
10		\$136.88	0	\$0	0	\$0	0	\$0	120	\$16,426	120	\$16,426
12		\$205.02	0	\$0	0	\$0	0	\$0	60	\$12,301	60	\$12,301
Flat	\$64.82		198	\$12,030	0	\$0	0	\$0	0	\$0	198	\$12,030
PBS		\$214.98	0	\$0	0	\$0	0	\$0	12	\$2,580	12	\$2,580
PVH		\$8.60	0	\$0	0	\$0	0	\$0	1,960	\$16,856	1,960	\$16,856
Total			449,415	\$7,345,030	50,607	\$1,500,325	600	\$20,928	20,231	\$701,353	520,853	\$9,567,636
Volume Block	Volume Rates		Volumes	Variable Revenues	Volumes	Variable Revenues	Volumes	Variable Revenues	Volumes	Variable Revenues	Volumes	Variable Revenues
Winter	\$1.2112		4,648,800	\$5,630,627	2,569,856	\$3,112,609	22,409	\$27,142	0	\$0	7,241,065	\$8,770,378
Summer	\$1.5141		7,941,588	\$12,024,358	4,164,949	\$6,306,149	92,180	\$139,570	0	\$0	12,198,717	\$18,470,077
Total			12,590,388	\$17,654,985	6,734,804	\$9,418,758	114,589	\$166,712	0	\$0	19,439,782	\$27,240,455
Total				\$25,000,016		\$10,919,084		\$187,639		\$701,353		\$36,808,091

Note: Bills Rendered include Partial, Final & Full Bills.

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 Schedule 2
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Adjustment For Customer Growth
Test Year Ending May 31, 2009

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Line No.	Residential Bi-monthly (a)	Commercial Bi-monthly (b)	Public Authority Bi-monthly (c)	Fire Protection Bi-monthly (d)	Total (e)
1	439,659	52,989	789	9,258	493,437
2	439,824	53,148	786	9,414	
3	28.64	127.10	145.23	n/a	
4	165	159	(3)	156	321
5	4,725	20,209	(436)	n/a	24,498
Test Period Customer Growth Revenue Normalization					
6	\$16.71	\$28.31	\$26.52	\$75.76	
7	\$2,757	\$4,502	(\$80)	\$11,818	\$18,997
8	\$1.40	\$1.40	\$1.45	n/a	
9	\$6,626	\$28,262	(\$634)	n/a	\$34,254
10	\$9,382	\$32,764	(\$713)	\$11,818	\$53,251

Historical TY Customer Growth Calculation

1	Actual Bills (1)				
2	Actual Annualized Bills (2)				
3	Average Volumes Per Bill				
4	Historical TY Customer Growth Bills				
5	Historical TY Customer Growth Volumes (Line 7 X Line 5)				

Test Period Customer Growth Revenue Normalization

6	Weighted Avg Minimum Charge (3)				
7	Revenue From Minimum Charge (Line 9 X Line 7)				
8	Weighted Avg Volume Charge (4)				
9	Revenue From Volumetric Charge (Line 11 X Line 8)				

Total Historical TY Adjustment

(1)	Actual bills based on actual active customer count average times 6 bills per year.				
(2)	Actual annualized bills based on test year end active customer count times 6 bills per year.				
(3)	Total Fix Revenue for Test Year	\$7,345,030	\$1,500,325	\$20,928	\$701,353
	Actual Bills	439,659	52,989	789	9,258
(4)	Weighted Average Customer Charge	\$16.71	\$28.31	\$26.52	\$75.76
	Weighted Average Volume Charge Rev	\$17,654,985	\$9,418,758	\$166,712	n/a
	Actual Reported Volumes	12,590,388	6,734,804	114,589	n/a
	Weighted Average Volume Charge	\$1.40	\$1.40	\$1.45	

UNITED WATER IDAHO
Adjustment to Normalize Revenue
Test Year Ending May 31, 2009

Line No.	Description	(a) Residential Bi-monthly	(b) Commercial Bi-monthly	(c) Public Authority Bi-monthly	(d) Misc Revenue	(e) Total
1	Average Volumes Per Norms (1)	28.83	124.46	144.12	n/a	
2	Normalized Bills (2)	439,824	53,148	786	n/a	
3	Normalized Volumes (Line 1 X Line 2)	12,680,794	6,614,802	113,279	61,314	
4	Volumes Adjusted for Customer Growth	12,595,113	6,755,013	114,153	56,974	(51,063)
5	Normalization Adj (Line 3 minus Line 4)	85,681	(140,211)	(874)	4,341	
Normalization Revenue Adjustment Calculation:						
6	Weighted Avg Volume Charge (3)	\$1.40	\$1.40	\$1.45	\$3.05	
7	Revenue From Volumetric Charge (Line 6 X Line 9)	\$120,147	(\$196,087)	(\$1,272)	\$13,242	(\$63,971)

- (1) Per five year average
- (2) Per Customer Growth Adjustment.
- (3) See Customer Growth Adjustment Footnote (4) for Residential & Commercial.

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UNITED WATER IDAHO
Allocation of Proposed Increase to Customer Classes
Test Year Ending May 31, 2009

Line No.	Rate Category		Total (c)	Residential (d)		Commercial (e)		Public Authority (h)		Fire Protection (k)	
	(a)	(b)		(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	Current Revenues as Adjusted										
1	Fixed	\$9,586,857	26.06%	\$7,347,789	29.24%	\$1,505,125	13.99%	\$20,920	11.26%	\$713,022	100.00%
2	Winter	\$8,755,038	23.80%	\$5,671,058	22.57%	\$3,057,148	28.42%	\$26,832	14.45%		0.00%
3	Summer	\$18,442,459	50.14%	\$12,110,700	48.19%	\$6,193,785	57.58%	\$137,974	74.29%		0.00%
4	Total	\$36,784,354		\$25,129,547		\$10,756,058		\$185,726		\$713,022	
5	Proposed % Increase		15.29%	15.29%		15.29%		15.29%		15.29%	
	Proposed Revenue Increase										
6	Fixed	\$1,466,297	26.06%	\$1,123,834	29.24%	\$230,207	13.99%	\$3,200	11.26%	\$109,056	100.00%
7	Winter	\$1,339,071	23.80%	\$867,381	22.57%	\$467,587	28.42%	\$4,104	14.45%	\$0	0.00%
8	Summer	\$2,820,749	50.14%	\$1,852,315	48.19%	\$947,331	57.58%	\$21,103	74.29%	\$0	0.00%
9	Total	\$5,626,117		\$3,843,530		\$1,645,125		\$28,407		\$109,056	
	Proposed Total Revenues										
10	Fixed	\$11,053,154	26.06%	\$8,471,624	29.24%	\$1,735,332	13.99%	\$24,120	11.26%	\$822,078	100.00%
11	Winter	\$10,094,109	23.80%	\$6,538,439	22.57%	\$3,524,735	28.42%	\$30,935	14.45%	\$0	0.00%
12	Summer	\$21,263,208	50.14%	\$13,963,015	48.19%	\$7,141,116	57.58%	\$159,077	74.29%	\$0	0.00%
13	Total	\$42,410,471		\$28,973,078		\$12,401,183		\$214,133		\$822,078	

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UNITED WATER IDAHO
Proposed Rate Design
Test Year Ending May 31, 2009

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Line No.	Meter Sizes	Current Rates	Percent Proposed Increase	Proposed Rates
(a)		(b)	(c)	(i)
Fixed Rates				
1	5/8-3/4	\$16.21	15.29%	\$18.69
2	1	\$21.31	15.29%	\$24.57
3	1.5	\$34.53	15.29%	\$39.81
4	2	\$49.85	15.29%	\$57.47
5	3	\$91.58	15.29%	\$105.59
6	4	\$145.76	15.29%	\$168.05
7	6	\$280.52	15.29%	\$323.43
8	8	\$423.17	15.29%	\$487.89
9	Flat	\$64.82	15.29%	\$74.73
10	Total			
Fire Protection				
11	3	\$14.19	15.29%	\$16.36
12	4	\$21.51	15.29%	\$24.80
13	6	\$53.42	15.29%	\$61.59
14	8	\$87.77	15.29%	\$101.19
15	10	\$136.88	15.29%	\$157.82
16	12	\$205.02	15.29%	\$236.38
17	PBS	\$214.98	15.29%	\$247.86
18	PVH	\$8.60	15.29%	\$9.92
19	Total			
Volumetric Rates				
20	Winter Volumes	1.2112	15.29%	\$1.3965
21	Summer Volumes	1.5141	15.29%	\$1.7457

UNITED WATER IDAHO
Revenues Under Proposed Rates
Test Year Ending May 31, 2009

Meter Size	Bi-Monthly Charge	Fire Bi-Monthly Charge	Residential		Commercial		Public Authority		Fire Protection		Total	
			Bills Rendered	Fixed Revenues	Bills Rendered	Fixed Revenues	Bills Rendered	Fixed Revenues	Bills Rendered	Fixed Revenues	Bills Rendered	Fixed Revenues
5/8	\$18.69		81,431	\$1,521,945	2,869	\$53,622	9	\$168	0	\$0	84,309	\$1,575,735
3/4	\$18.69		312,046	\$5,832,140	12,319	\$230,242	55	\$1,028	0	\$0	324,420	\$6,063,410
1	\$24.57		41,462	\$1,018,721	14,302	\$351,400	162	\$3,980	0	\$0	55,926	\$1,374,102
1.5	\$39.81		1,245	\$49,563	9,825	\$391,133	101	\$4,021	0	\$0	11,171	\$444,718
2	\$57.47		602	\$34,597	10,138	\$582,631	234	\$13,448	0	\$0	10,974	\$630,676
3	\$105.59	\$16.36	10	\$1,056	756	\$79,826	6	\$634	4,724	\$77,285	5,496	\$158,800
4	\$168.05	\$24.80	0	\$0	233	\$39,156	5	\$840	5,947	\$147,486	6,185	\$187,482
6	\$323.43	\$61.59	0	\$0	18	\$5,822	0	\$0	6,042	\$372,127	6,060	\$377,949
8	\$487.89	\$101.19	0	\$0	3	\$1,464	0	\$0	1,671	\$169,088	1,674	\$170,552
10		\$157.82	0	\$0	0	\$0	0	\$0	122	\$19,254	122	\$19,254
12		\$236.38	0	\$0	0	\$0	0	\$0	61	\$14,419	61	\$14,419
Flat	\$74.73		186	\$13,900	0	\$0	0	\$0	0	\$0	186	\$13,900
PBS		\$247.86	0	\$0	0	\$0	0	\$0	12	\$2,974	12	\$2,974
PVH		\$9.92	0	\$0	0	\$0	0	\$0	1,960	\$19,443	1,960	\$19,443
Total			436,982	\$8,471,923	50,463	\$1,735,295	572	\$24,119	20,539	\$822,076	508,556	\$11,053,413
Volume Block	Volume Rates		Volumes	Variable Revenues	Volumes	Variable Revenues	Volumes	Variable Revenues	Volumes	Variable Revenues	Volumes	Variable Revenues
Winter	\$1.3965		4,682,181	\$6,538,666	2,524,066	\$3,524,858	22,153	\$30,936	0	\$0	7,228,400	\$10,094,460
Summer	\$1.7457		7,998,613	\$13,963,179	4,090,737	\$7,141,199	91,126	\$159,079	0	\$0	12,180,476	\$21,263,457
Total			12,680,794	\$20,501,845	6,614,802	\$10,666,057	113,279	\$190,015	0	\$0	19,408,876	\$31,357,918
Total				\$28,973,768		\$12,401,352		\$214,134		\$822,076		\$42,411,330

Note: Bills Rendered include Customer Growth and Year End Normalized Bills.

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