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Case No.:

Date:

# **MISSOURI PUBLIC SERVICE COMMISSION**

CASE NO. WR-2010-0131 SR-2010-0135

#### SURREBUTTAL TESTIMONY

OF

#### PAULINE M. AHERN

**ON BEHALF OF** 

#### **MISSOURI-AMERICAN WATER COMPANY**

MAWCExhibit No 103MP Date 5-17-10 Reporter 45-File No 22-2010-0131

#### BEFORE THE PUBLIC SERVICE COMMISSION

#### OF THE STATE OF MISSOURI

| IN THE MATTER OF MISSOURI-AMERICAN | ) |                       |
|------------------------------------|---|-----------------------|
| WATER COMPANY FOR AUTHORITY TO     | ) |                       |
| FILE TARIFFS REFLECTING INCREASED  | ) | CASE NO. WR-2010-0131 |
| RATES FOR WATER AND SEWER          | ) | CASE NO. SR-2010-0135 |
| SERVICE                            | j |                       |

#### AFFIDAVIT OF PAULINE M. AHERN

Pauline M. Ahern, being first duly sworn, deposes and says that she is the witness who sponsors the accompanying testimony entitled "Surrebuttal Testimony of Pauline M. Ahern"; that said testimony and schedules were prepared by her and/or under her direction and supervision; that if inquires were made as to the facts in said testimony and schedules, she would respond as therein set forth; and that the aforesaid testimony and schedules are true and correct to the best of her knowledge.

Pauline M. Ahem

State of New Jersey County of Burlington SUBSCRIBED and sworn to Before me this 26th day of (1mil 2010.

Notary Public

Notary Fublic

My commission expires:

SHARON M. KEEFE NOTARY PUBLIC OF NEW JERSEY MY COMMISSION EXPIRES JULY 9, 2011

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| 1        |    | I. INTRODUCTION   |
|----------|----|---|
| 2        | Q. | Please state your name, occupation and business address.                          |
| 3        | Α. | My name is Pauline M. Ahern and I am a Principal of AUS Consultants. My           |
| 4        |    | business address is 155 Gaither Drive, Suite A, Mount Laurel, New Jersey          |
| 5        |    | 08054.  |
| 6        | Q. | Are you the same Pauline M. Ahern who previously submitted direct and             |
| <b>7</b> |    | rebuttal testimonies in this proceeding?  |
| 8        | Α. | Yes, I am.  |
| 9        | Q. | What is the purpose of this testimony?  |
| 10       | A. | The purpose of this testimony is to respond to the rebuttal testimony of David    |
| . 11     |    | Murray, witness for the Missouri Public Service Commission Staff (the Staff).     |
| 12       |    | I will respond his criticisms of my recommended common equity cost rate.          |
| 13       | Q. | Have you prepared schedules in support of your surrebuttal testimony?             |
| 14       | A. | Yes, I have. They have been marked for identification as Schedules PMA-24         |
| 15       |    | and PMA-25.   |
| 16       |    | II. SUMMARY   |
| 17       | Q. | Please briefly summarize your testimony.  |
| 18       | Α. | This testimony focuses upon Mr. Murray's misplaced criticisms of my               |
| 19       |    | recommended common equity cost rate.  |
| 20       |    | With regard to common equity cost rate, I will first clarify Mr.                  |
| 21       |    | Murray's misstatement as to how I developed my recommended common                 |
| 22       |    | equity cost rate. In addition, I will reiterate evidence from my direct testimony |
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which supports the difference in the results of the application of the 2 Discounted Cash Flow Model (DCF), Risk Premium Model (RPM), Capital 3 Asset Pricing Model (CAPM) and Comparable Earnings Model (CEM). I will also demonstrate why Mr. Murray's use of third party analyses to support his 4 5 recommended overall rate of return and common equity is unfounded. I will 6 show that his criticisms of my methodologies, specifically: 1) the use of 7 multiple cost of common equity cost rate models; 2) the use of forecasted 8 yields in the RPM and CAPM; 3) the use of the arithmetic mean equity risk 9 premium in the RPM and CAPM; 4) the use of the income return on long-10 term U.S. Treasury securities in the CAPM; 5) the use of the Empirical CAPM 11 (ECAPM); and 6) the use of the CEM, are misplaced. Consequently, Mr. 12 Murray's common equity cost rate recommendation is contrary to regulatory 13 consensus and common sense. The cost rate for common equity capital is 14 not, and should not be, the result of a mechanical application of essentially 15 one cost of equity model.

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# III. RESPONSE TO STAFF WITNESS DAVID MURRAY'S COMMENTS

17 Q. On page 11, lines 18 through 22, of his rebuttal testimony Mr. Murray claims 18 that you "calculated a simple average of the cost of equity estimation 19 methodologies" for both your water and natural gas utility proxy groups. 20 Please comment.

21 Α. Mr. Murray is incorrect. In arriving at an indicated common equity cost rate 22 for each proxy group, I not only evaluated the "simple average" or mean, but

also the midpoint of the ranges of common equity cost rates as well as the median of the common equity cost rates developed by each methodology.

Q. On page 12, lines 2 through 8, of his rebuttal testimony, Mr. Murray makes
the assertion that the difference in your indicated costs of common equity for
the water utility proxy group relative to the natural gas utility proxy group is
due to "inappropriate inputs . . . rather than actual cost of [common] equity
differences in the capital markets." Please comment.

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8 Α. First, the inputs for each model were identical for each group so any bias in 9 the results due to "inappropriate inputs" perceived by Mr. Murray affects the 10 results of the application of the cost of common equity models to both proxy 11 groups. The only difference was that I did not rely upon the CEM results of 12 21.00% for the natural gas utilities for reasons explained at page 65, lines 6 13 through 10 of my direct testimony, namely that 21.00% is an outlier when 14 compared with the CEM results for the water utility proxy group and the 15 results of the application of the DCF, the RPM and the CAPM.

16 Nevertheless, there is ample evidence in my direct testimony as to 17 why the capital markets may require a higher cost of common equity for 18 water utilities than for natural gas utilities. Water companies are 19 approximately four times as capital intensive as natural gas distribution 20 companies. At discussed on page 8, line 34 through page 9, line 2 of my 21 direct testimony, it took \$3.44 of net utility plant on average for the water 22 industry to produce \$1.00 in operating revenues in 2008 or roughly four times

the \$0.89 of net utility plant per \$1.00 in operating revenues for the natural gas distribution industry. In addition, as discussed on page 11, lines 24 through 27 of my direct testimony, depreciation rates for the water utility industry as a whole of 2.5% in 2008 are approximately 63% those of the natural gas distribution industry as a whole of 4.0%. Consequently, the greater capital intensity and lower depreciation rates of water utilities presents significant challenges in obtaining needed capital to finance the replacement of aging infrastructure and to meet the demands of customer growth. The lower depreciation rates, as one of the principal sources of internal cash flows for all utilities, mean that water utility depreciation as a source of internally generated cash is far less than for the other utility industries. In view of the foregoing, water utilities face greater risk than do the energy utilities due to inflation which results in a higher replacement cost per dollar of net plant than for other types of utilities.

Also, the smaller size of water utilities, as represented by my water utility proxy group, relative to that of gas utilities, as represented by my natural gas distribution utility proxy group, indicates greater risk for water utilities, because, as discussed in detail in both my direct testimony at pages 14 through 18 and again in my rebuttal testimony at pages 27 through 28, all else equal, size has a bearing on risk and must be reflected in a recommended common equity cost rate. As shown in Table 3 on page 16 of my direct testimony the proxy group of gas distribution companies, at \$1.464

billion in market capitalization, is nearly twice as large on average as the proxy group of water companies at \$769.035 million.

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3 The proxy group of water utilities also exhibits greater average 4 systematic, i.e. market or non-diversifiable, risk than the proxy group of gas 5 distribution companies as demonstrated by the water utility average / median beta of 0.78 / 0.80 compared with the average / median beta of the gas 6 7 distribution proxy group of 0.66 / 0.65. Furthermore, as shown on Schedule PMA-11, page 2, the average Moody's bond rating of the water utility proxy 8 9 group is A2 while that of the gas utility proxy group is A3 and the average 10 Standard & Poor's (S&P) bond rating is A+ for the water group and A for the 11 gas distribution group, indicating slightly greater bond default risk. In. 12 addition, while both groups share an average "Excellent' business risk profile 13 as assigned by S&P, the water group's financial risk profile is "Intermediate", 14 while that of the gas utility group is on average "Significant".

15 These factors all provide support for "actual cost of [common] equity 16 differences in the capital markets and the differences in the indicated 17 common equity cost rates resulting from my applications of the DCF, RPM, 18 CAPM and CEM are not "a function of inappropriate inputs."

Q. On page 13, line 15 through page 17, line 5, of his direct testimony, Mr.
 Murray discusses your DCF application. Please comment.

A. Mr. Murray's discussion is based upon a criticism of the use of analysts'
 earnings per share (EPS) long-term growth forecasts which I utilized in my

DCF application. He reiterates the concerns discussed in his direct testimony relative to the sustainability of such growth rates by comparing them with average growth in the U. S. economy as measured by projected GDP growth. My rebuttal testimony already addressed the fact that U.S. GDP growth is an average of the growth of the U.S. economy as a whole, with some sectors / industries growing at a faster pace and some at a slower pace as discussed on page 12, line 12 through page 13, line 11 and demonstrated on Schedule PMA-15.

Also, as noted in my rebuttal testimony, at page 11, line 17 through
page12, line 10, Staff did not voice such concerns about analysts' projected
EPS growth rates in previous MAWC rate cases, when projected growth in
GDP was also lower than the then current analysts' EPS growth rate
projections.

Finally, Mr. Murray's rebuttal testimony is silent about the support provided in my direct testimony that earnings expectations based upon analysts' earnings growth forecasts have a significant influence on market prices and, therefore, appreciation of the "growth" experienced by investors. The accuracy or sustainability of such forecasts of EPS growth is irrelevant after the fact. What is relevant is that they reflect widely held expectations and are influential and consistent with current stock price levels. It is investor expectations which are being reflected in market prices. As Morin notes<sup>1</sup> "it is the consensus forecast that is embedded in price and therefore in required

return, and not the future as it will turn out to be." In addition, my direct
 testimony on pages 38 through 41 presents academic / empirical support for
 the superiority of analysts' EPS growth forecasts.

- Q. On page 16, lines 3 through 21, of his direct testimony, Mr. Murray discusses
  research reports he reviewed relative to "long-term expected sustainable
  growth rates for investments in regulated water utility companies." Please
  comment.
- A. Given that the superiority of analysts' EPS long-term growth forecasts for use
  in a DCF analysis has been demonstrated academically and empirically as
  discussed above and my direct testimony relative to their influence on
  investors' pricing decisions, it is both interesting and relevant that the
  Macquarie Research (Macquarie) report provided in response to Staff Data
  Request No. 107-R97 and provided as Attachment B contradicts Mr.
  Murray's rebuttal testimony in distinct ways.

First, on Attachment B-1, Macquarie states that it "believe[s] that an 8-10% EPS CAGR [compound annual growth rate] is achievable longer term." Specifically, for American Water Works, Macquarie notes on Attachment B-14 that it expects a 14% EPS CAGR through 2012 and longterm EPR growth at 7-10%.

20 Second, stated on Attachment B-6 relative to the consolidation in the 21 water utility industry which Mr. Murray "believes" is a "reason for near-term 22 higher expected growth rates in both EPS and DPS for water utilities", as he

Roger A. Morin, New Regulatory Finance, /Public Utilities Reports, Inc., 2006) 298.

states on page 14, lines 13 – 17, Macquarie "warn[s] that historically large acquisitions proved detrimental to earnings growth and realized ROEs of US water utilities" due in large part to regulatory lag and the "serious drag" it places on earnings.

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Third, the November 24, 2008 Society Generale equity research 5 report provided in response to Staff Data Request No. 107-R104 provided by 6 7 Mr. Murray as Attachment D-1, while providing a 7.5% cost of common 8 equity estimate (without any discussion of the underlying assumptions or 9 description of how it was derived) nevertheless, states on Attachment D-19, 10 that after 2009, "we expect [dividend] payout to stabilize at around 70%, 11 which should make possible a <u>12% increase</u> in dividend p. a." (emphasis 12 added)

In view of all the foregoing, Mr. Murray's criticism of the use of
analysts' EPS long-term growth forecasts in a DCF analysis is unfounded,
unsupported and should be disregarded.

Q. At page 17, line 19 through page 19, line 17 of his rebuttal testimony Mr.
Murray discusses MAWC's response to Staff Data Request No. 109. Please
comment.

MAWC's response to Staff Data Request Nos. 109-R1 and 109-R2 were
 confidential valuation studies conducted by Duff & Phelps, LLC (D&P) as of
 November 30, 2008 and November 30, 2009. It is inappropriate to rely upon
 D&P's conclusions to test the reasonableness of either Mr. Murray's or my



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Regarding fundamental

betas, Morin<sup>3</sup> states:

The fundamental beta of a security is the weighted average of its relative response coefficients, each weighted by the proportion of total variance in market returns due to that specific event. To compute fundamental beta, it is necessary to consider the sources of economic events, to project the reaction of the security to such moves, and to assign probabilities to the likelihood of each possible type of economic event.

To forecast fundamental betas, Rosenberg uses a multiple regression equation similar to Equation 3-12, but with considerably more variables. A vast array of variables on market variability, earnings variability, financial risk, size growth, and a multitude of company and industry characteristics is used to capture differences between betas of various companies and industries. Fundamental betas, which are commercially available from the firm of BARRA, are of the form:

 $B = a_0 + a_1Factor_1 + a_2Factor_2 + a_3Factor_3 + ... etc. (3-13)$ 

The weightings are based on historical estimates. The advantage of the approach is that it uses fundamental company data that are related to risk. *The disadvantage is that the final regression equation 3-13 is arbitrary.* (italics added for emphasis.)

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Moreover, the BARRA betas used by D&P reflect market conditions of

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November 30, 2008 and November 30, 2009 and are therefore outdated. In

Roger A. Morin, New Regulatory Finance, Public Utilities Reports, Inc., 2006, p.86.

addition, to the best of my knowledge and experience in regulatory ratemaking over the last twenty-plus years, I cannot recall ever seeing BARRA betas used for setting an authorized return rate on common equity for a regulated utility. In my opinion, the <u>Value Line Investment Survey</u> betas utilized by Mr. Murray and myself are more appropriate for a CAPM analysis for ratemaking and cost of capital purposes.

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ld., at p. 175. ld., at p. 175.

However, these results are applicable to the large, less business risky D&P guideline companies and therefore do not reflect the greater business risk due to MAWC's smaller relative size. As discussed in detail in my direct testimony at pages 14 through 18 and again in my rebuttal testimony at pages 27 through 28, all else equal, size has a bearing risk and must be reflecting in a recommended common equity cost rate. \*\*







Q. At lines 3 through 22 on page 21 of his rebuttal testimony, Mr. Murray criticizes your testimony regarding the need to rely upon more than one cost
 of common equity model. Please comment.

6 Α. He does so without responding to the substantial academic and regulatory 7 support found on pages 25 through 35 of my direct testimony for the use of 8 multiple cost of common equity models and ignoring the Efficient Market 9 Hypothesis (EMH) upon which all cost of common equity models are premised<sup>6</sup> which confirms that investors rely upon multiple cost of common 10 11 equity models in formulating their required rates of return as discussed in my 12 direct testimony at page 24, lines 5 through 17. My direct testimony 13 provides, at page 25, line 1 through page 27, line 31, academic support from 14 Charles F. Phillips, Jr. and Roger A. Morin, who cites Eugene F. Brigham 15 and Stewart Myers, that multiple cost of common equity cost rate models 16 should be utilized when assessing investors' required returns. As stated in 17 my direct testimony, at page 27, lines 28 through 31, "liln view of the 18 foregoing, it is clear that investors are or should be aware of all of the models 19 available for use in determining a common equity cost rate. The EMH 20 requires the assumption that, collectively, investors consider them all."

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Nevertheless, in disregard of this support for the use of multiple cost

Mr. Murray, later in his rebuttal testimony, invokes the EMH relative to his concerns with the RPM.

of common equity models, Mr. Murray again relies upon "other available financial information to test the reasonableness of a recommendation, once again citing the Missouri State Employees' Retirement System's (MOSERS) report. My rebuttal testimony, on page 23, line 23 through page 25, line 1 has already addressed the MOSERS' expected return for large cap domestic studies, concluding that it has no relevance to the determination of a common equity cost rate relative to a single asset/security such as MAWC's rate base.

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9 In addition, since Mr. Murray did not explain his "rule of thumb" test to 10 determine if his cost of common equity estimate was within reason and since 11 this surrebuttal testimony has demonstrated that the equity analysts' 12 research reports studied by Mr. Murray and provided in his rebuttal exhibit do 13 not support the reasonableness of his approach to the determination of a 14 recommended common equity cost rate of 9.25%, his comments on page 21 15 should be rejected.

Q. On page 22, lines 3 through 14 and page 26, lines 20 through 22 of his
rebuttal testimony, Mr. Murray discusses his disagreement with your use of
forecasted yields in the RPM and the CAPM. Please comment.

A. As discussed in my rebuttal testimony and previously in this testimony,
 ratemaking and the cost of capital are both prospective. Therefore, the

appropriate yields to use in the RPM and CAPM are forecasted yields. In

addition Roger A. Morin states<sup>7</sup>:

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Because of the dominance of institutional investors and their influence on individual investors, analysts' forecasts of longrun growth rates provide a sound basis for estimating required returns. Financial analysts exert a strong influence on the expectations of many investors who do not possess the resources to make their own forecasts, that is, they are a cause of g. The accuracy of these forecasts in the sense of whether they turn out to be correct is not at issue here, as long as they reflect widely held expectations. As long as the forecasts are typical and/or influential in that they are consistent with current stock price levels, they are relevant. The use of analysts' forecasts in the DCF model is sometimes denounced on the grounds that it is difficult to forecast earnings and dividends for only one year, let alone for longer time periods. This objection is unfounded, however, because it is present investors expectations that are being priced; it is the consensus forecast that is embedded in price and therefore in required return, and not the future as it will turn out to be.

Academic research confirms the superiority of analysts' earnings forecasts over univariate time-series forecasts that rely on history. This latter category includes many ad hoc forecasts from statistical models, ranging from the naïve methods of simple averages, moving averages, etc. to the sophisticated time-series techniques such as the Box-Jenkins modeling techniques. The literature suggests that analysts' earnings forecasts incorporate all the public information available to the analysts and the public at the time the forecasts are released. This finding implies that analysts have already factored historical growth trends into their forecast growth rates, making reliance on historical growth rates somewhat redundant and, at worst, potentially double counting growth rates which are irrelevant to future expectations. Furthermore, these forecasts are statistically more accurate than forecasts based solely on historical earnings, dividends, book value equity, and the like.

id., at pp. 298-299.

2 Although the foregoing quote by Morin is relative to analysts' growth rate 3 projections, the principles apply equally to interest rate projections. Financial 4 analysts do exert a strong influence on the expectations of investors, whether 5 it be with forecasts of growth for use in the DCF or forecasts of interest rate 6 levels. Not only do analysts' earnings forecasts incorporate all the public 7 information available to them and the public at the time of the forecasts, so 8 do analysts' forecasts of interest rate levels. Therefore, the use of current 9 yields in the RPM and CAPM is not appropriate. Rather, forecasts of 10 corporate, public utility and U.S. Treasury bond yields are appropriate.

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Q. Mr. Murray states at lines 11 through 14 on page 22 of his rebuttal testimony
that "[u]sing projected bond yield is akin to using projected stock prices when
estimating the cost of [common] equity using the DCF methodology." Please
comment.

A. Once again, Mr. Murray is incorrect. First, the theory underlying the DCF model is that the present value of an <u>expected</u> future stream of net cash flows during the investment holding period can be determined by discounting the cash flows at the cost of capital, at the investors' capitalization rate. DCF theory indicates that an investor buys a stock for an expected total return rate which is derived from cash flows received in the form of dividends plus appreciation in market price, i.e., a <u>future</u> stock price. Note however, in both

Mr. Murray's and my applications, the investment horizon is infinity and there is no terminal market price.

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Second, the use of projected bond yields in both the RPM and CAPM is more akin to the use of a future dividend yield, i.e.,  $D_{1/2}$  or  $D_1$  and the use of a growth rate, whether based upon historical and/or projected growth as a proxy for the investors' <u>expected</u> growth in dividends. Moreover, interest rate forecasts are available to investors. The use of projected bond yields therefore does not violate the underlying premise of the EMH. To the contrary, the use of projected bond yields is both consistent with and required by the EMH. Mr. Murray's comments should be disregarded.

Q. Mr. Murray criticizes your use of arithmetic means in your RPM and CAPM
analyses on pages 22 and 24, respectively, of his rebuttal testimony. Please
comment.

14 Α. On pages 22 through 25 of his rebuttal testimony, Mr. Murray provides an 15 example to support his contention that using the arithmetic mean is 16 questionable. However, Mr. Murray's mathematical example is questionable 17 because it does not take into account the probability of each outcome, i.e., 18 an increase of 50% in one year and a decrease of 50% in another. As noted 19 in my rebuttal testimony, at page 20, line 14 through page 21, line 11, the 20 financial literature is guite clear that risk is measured by the variability of 21 expected returns, i.e., the probability distribution of returns. The arithmetic 22 mean return and not the geometric mean return provides insight into the

variance and standard deviation of returns, i.e., risk, without which investors cannot meaningfully evaluate prospective risk. An example, similar to Mr. Murray's, is given on page 2 of Schedule PMA-18 which demonstrates that the proper expected value is predicted by compounding the arithmetic mean and not the geometric mean. In other words, it is the arithmetic mean which must be compounded over a period of time in order to achieve the terminal wealth value which gives rise to the compound average or geometric return. As noted on page 3 of Schedule PMA-18, "[t]he arithmetic mean equates the expected future value with the present value; it is therefore the appropriate discount rate. "

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Q. At page 28, line 14 through page 29, line 11 of his rebuttal testimony, Mr.
Murray criticizes your use of the CEM. He states at page 28, lines 20
through 21, "if the allowed returns are set based on expected returns, then it
is possible that these returns will be based on returns that are not consistent
with the long-term required returns on common equity, i.e., required ROE.

A. This statement by Mr. Murray indicates a lack of understanding of the market
 prices paid by investors. The DCF model upon which he relies is based
 entirely upon investor expectations. Sometimes those expectations are met;
 sometimes returns are greater than expected; and sometimes returns are
 less than expected. However, it is the <u>expectations</u> of those returns that
 influence the market prices that investors pay.

Moreover, the CEM has a long, well-established history in utility 1 2 ratemaking and is based upon the premise that regulation is a substitute for 3 the competition of the marketplace consistent wit the "corresponding risk" 4 standard set forth in the landmark U.S. Supreme Court cases and consistent 5 with the <u>Hope</u> doctrine that the return to the equity investor should be 6 commensurate with returns on investment in other firms having 7 corresponding risks. Since the non-utility companies upon which I rely in my 8 CEM analysis are selected based upon comparable total risk to my proxy 9 groups, the selection bases make the non-price regulated companies 10 comparable in both non-diversifiable, systematic, risk as well as diversifiable, 11 unsystematic risk. Consequently, because they are comparable in total risk, 12 the returns on their book values are relevant to the returns on book values of 13 price regulated companies and hence appropriate for setting an authorized 14 return rate on common equity. Mr. Murray's criticisms should be rejected.

15 Q. Does this conclude your surrebuttal testimony?

16 A. Yes, it does.

Exhibit No.: Issues: Witness: Exhibit Type: Sponsoring Party: Case No.:

Return on Equity Pauline M. Ahern Surrebuttal Missouri-American Water Company WR-2010-0131 SR-2010-0135 May 6, 2010

## MISSOURI PUBLIC SERVICE COMMISSION

Date:

#### CASE NO. WR-2010-0131 SR-2010-0135

#### EXHIBIT

#### TO ACCOMPANY THE

#### SURREBUTTAL TESTIMONY

#### OF

## PAULINE M. AHERN, CRRA

#### **ON BEHALF OF**

#### **MISSOURI-AMERICAN WATER COMPANY**

Schedule PMA-24 Page 1 of 5

# BARRA **Predicted Beta**

http://www.barra.com/support/library/PredictedBeta.pdf

Schedule PMA-24 Page 2 of 5

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# **BARRA Predicted Beta**

Beta is a gauge of the expected response of a stock, bond, or portfolio to the overall market. For example, a stock with a beta of 1.5 has an expected excess return of 1.5 times the market excess return. If the market is up 10% over the risk-free rate, then—other things held equal—the portfolio is expected to be up 15%. Beta is one of the most significant means of measuring portfolio risk and shows a strong relationship to expected return.

#### Historical Beta vs. Predicted Beta

*Historical beta* is calculated after the fact by running a regression (often over 60 months) on a stock's excess returns against the market's excess returns. There are two important problems with this simple historical approach:

- It does not recognize fundamental changes in the company's operations. For example, when RJR Nabisco spun off its tobacco holdings in 1999, the company's risk characteristics changed significantly. Historical beta would recognize this change only slowly, over time.
- It is influenced by events specific to the company that are unlikely to be repeated. For example, the December 1984 Union Carbide accident in Bhopal, India, took place in a bull market, causing the company's historical beta to be artificially low.

Predicted beta, the beta BARRA derives from its risk model, is a forecast of a stock's sensitivity to the market. It is also known as *fundamental beta*, because it is derived from fundamental risk factors. In the BARRA model these risk factors include 13 attributes—such as size, yield, and price/earnings ratio—plus industry exposure allocated across a maximum of 6 of 55 industry groups. Because we reestimate these risk factors monthly, the predicted beta reflects changes in the company's underlying risk structure in a timely manner.

BARRA programs use predicted beta rather than historical beta because it is a better forecast of market sensitivity.

http://www.barra.com/support/library/PredictedBeta.pdf

#### **Computing Predicted Beta**

Below we show how the predicted beta of a portfolio is computed.

The beta of a portfolio p with respect to the market m is defined as the covariance of the portfolio return with the market return divided by the variance of the market:

(1) 
$$\beta_p = \frac{\text{COV}(r_p, r_m)}{\text{VAR}_m}$$

The covariance between two portfolios is decomposed into two parts: a) the part explained by factors, called *common factor covariance*; and b) the part unexplained by factors, called *specific covariance*.

The factor covariance between portfolio *p* and the return on the market *m* is the product of the transposed vector of the factor exposures for the portfolio, the factor covariance matrix, and the vector of the factor exposures for the market:

(2) CF COV
$$(r_p, r_m) = X_p^T F X_m$$

The specific covariance is:

(3) SP COV
$$(r_p, r_m) = \sum_{i=1}^{N} h_{pi} h_{mi} \sigma_i^2$$

Now, combining equations (1) and

(4) COV(r,r) = VAR(r)

we have the formula for the BARRA predicted beta of a portfolio:

(5) 
$$\beta_p = \frac{\text{COV}(r_p, r_m)}{\text{VAR}_m}$$
  

$$= \frac{\text{CF COV}(r_p, r_m) + \text{SP COV}(r_p, r_m)}{\text{CF COV}(r_m, r_m) + \text{SP COV}(r_m, r_m)}$$

$$= \frac{\sum_{j=1}^{NFAC} \sum_{k=1}^{NFAC} X_{pj}Fjk X_{mk} + \sum_{i=1}^{N} h_{pi}h_{mi}\sigma_i^2}{\sum_{j=1}^{NFAC} \sum_{k=1}^{NFAC} X_{mj}Fjk X_{mk} + \sum_{i=1}^{N} h_{mi}^2\sigma_j^2}$$

#### BARRA Predicted Beta - 2

http://www.barra.com/support/library/PredictedBeta.pdf

where

| NFAC             | is the number of factors (68 in U.S. E2)        |
|------------------|---|
| N                | is the number of assets in the market portfolio |
| X <sub>PI</sub>  | is the portfolio's exposure to factor $j$       |
| Fjk              | is the covariance between factors $k$ and $j$   |
| X <sub>mj</sub>  | is the market's exposure to factor j            |
| h <sub>pi</sub>  | is the holding of the portfolio in asset i      |
| h <sub>m i</sub> | is the holding of the market in asset i         |
| $\sigma_i^2$     | is the specific variance of asset i             |
| VAR"             | is the variance of the market                   |
|                  |   |

BARRA Predicted Beta - 3

#### Missouri-American Water Company Capital Asset Pricing Model (CAPM) Cost-Of-Common-Equity Estimates for Duff & Phelps' Guideline Companies Corrected to Reflect a Prospective Risk-Free Rate, Value Line Adjusted Betas, the Average Historical and Forecasted Market Equity Risk Premium and the Empirical Capital Asset Pricing Model (ECAPM)

|                                | <u>1</u>              | 2                     | <u>3</u>                   | 4   | 5                               | <u>6</u>                        |
|--------------------------------|-----------------------|-----------------------|----------------------------|---|---------------------------------|---------------------------------|
|                                |                       | Traditio              | nal Capital Asset Pric     | cing Model                                  |                                 |                                 |
| Company Name                   | Risk-Free<br>Rate (1) | Company's<br>Beta (2) | Market Risk<br>Premium (3) | Beta Adjusted<br>Market Risk<br>Premium (4) | Cost of<br>Common<br>Equity (5) | Market-to-<br>Book<br>Ratio (6) |
| American States Water Co.      | 4.97%                 | 0.80                  | 7.31%                      | 5.85%                                       | 10.82%                          | 184%                            |
| Aqua America, Inc.             | 4.97%                 | 0.65                  | 7.31%                      | 4.75%                                       | 9.72%                           | 208%                            |
| Artesian Resources, Inc.       | 4.97%                 | NA                    | 7.31%                      | NA  | NA                              | 150%                            |
| California Water Service Group | 4.97%                 | 0,75                  | 7.31%                      | 5.48%                                       | 10.45%                          | 181%                            |
| Middlesex Water Co.            | 4.97%                 | 0.75                  | 7.31%                      | 5.48%                                       | 10.45%                          | 173%                            |
| SJW Corp.                      | 4.97%                 | 0.95                  | 7.31%                      | 6.94%                                       | 11.91%                          | 176%                            |
| Southwest Water Co.            | 4.97%                 | 1.10                  | 7.31%                      | 8.04%                                       | 13.01%                          | 217%                            |
| York Water Co.                 | 4.97%                 | 0.65                  | 7.31%                      | 4.75%                                       | 9.72%                           | 203%                            |
| Average                        | 4.97%                 | 0.81                  | 7.31%                      | 5.90%                                       | 10.87%                          | 187%                            |

| Company Name                   | Risk-Free<br>Rate (1) | Company's<br>Beta (2) | Market Risk<br>Premium (3) | Beta Adjusted<br>Market Risk<br>Premium (7) | Cost of<br>Common<br>Equity (5) | Market-to-<br>Book<br>Ratio (6) |
|--------------------------------|-----------------------|-----------------------|----------------------------|---|---------------------------------|---------------------------------|
| American States Water Co.      | 4.97%                 | 0.80                  | 7.31%                      | 6.21%                                       | 11.18%                          | 184%                            |
| Aqua America, Inc.             | 4.97%                 | 0.65                  | 7,31%                      | 5.39%                                       | 10.36%                          | 208%                            |
| Artesian Resources, Inc.       | 4.97%                 | NA                    | 7,31%                      | NA  | NA                              | 150%                            |
| California Water Service Group | 4.97%                 | 0.75                  | 7.31%                      | 5.94%                                       | 10.91%                          | 181%                            |
| Middlesex Water Co.            | 4.97%                 | 0.75                  | 7,31%                      | 5.94%                                       | 10.91%                          | 173%                            |
| SJW Corp.                      | 4.97%                 | 0.95                  | 7.31%                      | 7.04%                                       | 12.01%                          | 176%                            |
| Southwest Water Co.            | 4,97%                 | 1.10                  | 7.31%                      | 7.86%                                       | 12.83%                          | 217%                            |
| York Water Co.                 | 4.97%                 | 0.65                  | 7.31%                      | 5.39%                                       | 10.36%                          | 203%                            |
| Average                        | 4.97%                 | 0.81                  | 7.31%                      | 6.25%                                       | 11.22%                          | 187%                            |

Empirical Capital Asset Pricing Model

Average of Traditional and Empirical CAPM

Notes: (1) From note 2 on page 3 of Schedule PMA-12 (Updated) in Schedule PMA-23.

(2) From pages 2 through 8 of this Schedule,

(3) Derived in note 1 on page 3 of Schedule PMA-12 (Updated) in Schedule PMA-23.

(4) Column 2 \* Column 3.
 (5) Column 1 + Column 4.

(6) From AUS Utility Reports, April 2010.
(7) The empirical CAPM is applied using the formula found in note 4 on page 3 of Schedule PMA-12 (Updated) in Schedule PMA-23.



11.05%

|     | AM                  | ER.                    | STAT                   | <b>TES</b>                | WAT                     | ERN                       | YSE-A                   | WR P                    | ecent<br>Rice         | 37.0                  | 4 PE RATI        | o 23.                                  | 6 (Trollin<br>Hedl  | ng: 72.9<br>m: 22.0) | RELAIN<br>P/E RATI  | 1.3                    | O no                    | 2.8             | %                       |                            | Ξ                  |                |
|-----|---------------------|------------------------|------------------------|---------------------------|-------------------------|---------------------------|-------------------------|-------------------------|-----------------------|-----------------------|------------------|--|---------------------|----------------------|---|------------------------|-------------------------|-----------------|-------------------------|----------------------------|--------------------|----------------|
|     | TIMELIN             | IESS I                 | i issued               | 371973                    | High:                   | 28.5                      | 25.3                    | 28.4                    | 29.0                  | 29.0<br>21.8          | 26.8             | 34.8                                   | 43.8                | 48.1                 | 42.0  | 38.8                   | 38.2                    |                 |                         | Target                     | Price              | Range          |
|     | SAFETY              |                        | 3 New 244              | χ                         | LEGEN                   |                           | L,                      |                         | 20,0                  |                       | .0.0             | 24.5                                   | 30.0                |                      |   |                        | •                       |                 |                         | 2013                       | 2014               | 2015           |
|     | techni              | CAL 3                  | 3 Lanamed              | 4/23/10                   | R                       | Acet by In<br>Lative Pric | lavesi Rata<br>Sirenzih |                         |                       |                       |                  |  |                     |                      |   |                        |                         |                 | -                       |                            |                    | 128            |
|     | BESA .              | 0 (1.00                | - Martel)              |                           | 1-lor-2 sp<br>Octors: 1 | 6, 6702<br>No             |                         |                         |                       | _                     |                  |  |                     |                      |   |                        |                         |                 |                         | _                          |                    | Ŧ              |
| 1   | 201                 | 3-15 PF                | OJECTIO<br>Al          | NIS<br>Mil Total          | Studed<br>Laten res     | aren: price<br>cassion be | recession<br>part 12/07 |                         |                       |                       |                  |  |                     |                      |   |                        |                         |                 |                         |                            |                    | 1 4R           |
|     | liligi).            | Price<br>55 (          | Gein<br>+50% (         | Relum<br>13%              |                         | <b> </b>                  |                         |                         | 3.66-7                |                       | -                |  | iluste              | rta elul             | .it.ullt  | ត្រូវរំបាល             |                         |                 |                         |                            |                    | Ŧ.             |
|     | Low                 | 15                     | (.5%)                  | 2%                        |                         |                           |                         |                         | վիցնե                 | - The second          |                  | 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- |                     | $\rightarrow$        | <b>1</b>  | 14-4414B               | #×                      |                 |                         |                            |                    | + 32           |
|     | 1112109             | K 7 7<br>K 7 7         | A S O                  | N G J                     |                         | 1 pr                      | Li li and               |                         | بل                    | 3                     | -181-            |  |                     |                      |   | . —                    |                         |                 |                         |                            |                    | T.             |
| •   | lo Buy<br>Options   | 000                    | 000                    | 110                       | nd hue                  |                           |                         | 國                       |                       |                       |                  |  |                     | <u> </u>             |   |                        |                         |                 |                         |                            |                    | L 12           |
| - } | in Set<br>In a Life | 000                    | <u>100</u><br>Décision | 040                       |                         |                           |                         |                         |                       | ••••                  |                  |  |                     | 5.7                  | 1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1 |                        |                         |                 | % 10                    | I. RETUR                   | N 2/10             | <b>[</b> "     |
|     |                     | 202541                 | HAN                    | 402999                    | Percent                 | ,<br>  12                 |                         | 15                      |                       |                       |                  | <u> </u>                               | halle               | Intell               | <u>hl. 1994</u>   |                        | -                       |                 |                         | STOCK                      | ENDEX<br>01 C      | F i            |
|     | 10 8a1              | 99<br>53               | 53                     | 39                        | annes<br>interi         | 8 -                       |                         | Taipae                  |                       | March II Las          | -lafa Hi         | <b>HAR HE</b>                          |                     |                      |   |                        |                         | <u> </u>        | 3                       | 23                         | 7.8                | F              |
|     | 1994                | 1995                   | 1996                   | 1997                      | 1998                    | 1999                      | 2000                    | 2001                    | 2002                  | 2003                  | 2004             | 2005                                   | 2006                | 2007                 | 2008  | 2009                   | 2010                    | 2011            | OVAL                    | <b>JE LINE</b> PI          | IB. (MC.           | 13-15          |
|     | <b>SD.43</b>        | 11.03                  | 11.37                  | 15.44                     | 11.02                   | 12.91                     | 12.17                   | 13.08                   | 13.78                 | 13.98                 | 13.01            | 14.06                                  | 15.76               | 17.49                | 18.42   | 19.48                  | 13.75                   | 20.25           | Revenue                 | a per sh                   |                    | 22.10          |
| 1   | 1.68                | 1.75                   | 1,75                   | 1.85                      | 2.04                    | 2.26                      | 2.20                    | 2.53                    | 254                   | 2.08                  | 2.23             | 2,64                                   | 2.69                | 3.31                 | 3.37  | 3.40                   | 3.50                    | 3.70            | "Cash Fi                | low" per s                 | ab                 | 4.15           |
|     | 28.<br>98.          | 1.04                   | 1,13                   | .83                       | .64                     | 1.19                      | 1.26                    | .67                     | .87                   | .10<br>.88            | .69              | 1.32                                   | .33                 | 1.96                 | 1.00  | 1.02                   | 1.04                    | 1.90            | Div'd De                | ci'd ner s                 | h #.               | 2.33<br>1.18   |
|     | 2.43                | 2.19                   | 2.40                   | 2.58                      | 3.11                    | 4.30                      | 3.03                    | 3.10                    | 2.68                  | 3.76                  | 5.03             | 424                                    | 3.91                | 2.89                 | 4.45  | 4.18                   | 4.15                    | 4.10            | CapilSp                 | anoing p                   | n sh               | 4.20           |
|     | 10.07               | 10.2                   | 11.01                  | 1124                      | 11.48                   | 11.82                     | \$2.74                  | 13.22                   | 14.05                 | 13.97                 | 15.01            | 15.72                                  | 16.84               | 17.53                | 17.95   | 19.39                  | 20.25                   | 21.00           | Book Va                 | lue per si                 |                    | 22.35          |
|     | 12.8                | 11.0                   | 12.6                   | 14.5                      | 15.5                    | 17.1                      | 15.9                    | 16.7                    | 18.3                  | 31.9                  | 23.2             | 21.9                                   | 27.7                | 24.0                 | 22.6  | 21.2                   | Bold Re                 | 704 4/1         | Avg Ann                 | TP/E Ral                   |                    | 19.0           |
| 1   | .84                 | .71                    | .79                    | .84                       | Bi                      | .97                       | 1.03                    | .86                     | 1.00                  | 1.62                  | 1.23             | 1.17                                   | 1,50                | 1.27                 | 1.38  | 1,42                   | Value                   | Line            | Relative                | P/E Ratio                  |                    | 1.25           |
| Ì   | 6.6%                | 6.7%                   | 5.8%                   | -5.5%                     | 5.0%                    | 4.2%                      | 42%                     | 3.9%                    | 3.6%                  | 3.5%                  | 3.6%             | 3.1%                                   | 2.6%                | 2.5%                 | 2.9%  | 2.5%                   |                         |                 | Avg Ann                 | 1 Div d Y                  |                    | 2.6%           |
|     | CAPITA<br>Total D   | L STRI<br>651 \$30     | ICTURE #<br>3.3 mil: 4 | us of 12/3<br>Sus in 5 1  | 31/09<br>Yns \$12.3     | mit.                      | 184.0                   | 197.5<br>20.4           | 209.2                 | 212.7                 | 228.0            | 236.2                                  | 268.6               | 301.4                | 318.7   | 361.0                  | 340                     | 405<br>10 A     | Revenue                 | :s (\$mill)<br>ii /\$mill) | ļ                  | 475            |
|     | LT Deb              | \$305.6                | mill, L                | T Inferes                 | st \$22.3 n             | nill.                     | 45.7%                   | 43.0%                   | 38.9%                 | 43.5%                 | 37.4%            | 47.0%                                  | 40.5%               | 42.5%                | 37.8%   | 38.9%                  | 34.5%                   | 38.5%           | fricome 1               | ar Rate                    |                    | 38.5%          |
|     | (CT Inte<br>COverag | resi eari<br>10: 3.2x) | 1801: 3,4X1            | tota: intel               | rest<br>(56% ຍ          | ( Cap'i)                  |                         |                         |                       |                       |                  | <u></u>                                | 12.2%               | 85%                  | 6.9%  | 3.2%                   | 5.0%                    | 5.0%            | AFUDC                   | to Net F                   | rolit              | 5.9%           |
|     |                     | fineer                 | Halfrad' A             | incusi fe                 | niais \$3.2             | <br>10-11                 | 47.5%                   | 54.9%<br>AL 74          | 52.0%                 | 52.0%<br>49.6%        | 41.7%            | 50.4%                                  | 48.6%               | 10.9%                | 45.2%   | 45.9%<br>64.5%         | 47.0%                   | 47.0%           | Long-Ter                | nn Oebl F<br>S Foudby B    | atio<br>Istic      | 43,0%<br>41 NV |
|     | 144383              | , oricele              |                        |                           | 14243 93.4              | - 41605                   | 371.1                   | 447.5                   | 414.4                 | 442.3                 | 40.4             | 532.5                                  | 551.6               | 569.4                | 577.0   | 665.0                  | 735                     | 795             | Total Cz                | pilai (\$ml                | ŋ                  | \$40           |
|     | Pensio              | n Assel                | \$-12/09 \$J<br>(      | 74.0 mill.<br>Dhlia, \$11 | 03.1 mil.               |                           | 509.1                   | 539.8                   | 563.3                 | 602.3                 | 6642             | 713.2                                  | 750.8               | 776.4                | 825.3   | 868.4                  | 910                     | 955             | Not Plan                | t (Smill)                  |                    | 1100           |
|     | Pid Sto             | CI NOG                 | <b>\$</b> .            |                           |                         |                           | 8.4%<br>9.2%            | 0.1%                    | 5.5%<br>9.5%          | 4.8%<br>5.6%          | 6.8%             | 8.5%                                   | 6.0%                | 9.3%                 | 8.4%  | 82%                    | 8.0%                    | \$ 6.5%<br>6.5% | Return o<br>Return o    | n Total C:<br>n She Fo     | i⊊i<br>uitvi       | 1.9%           |
|     | Comma               | n Sloci                | k 18,554,3             | 64 ehs.                   |                         |                           | 9.3%                    | 10.1%                   | 9.5%                  | 6.6%                  | 6.6%             | 8.5%                                   | <u>8.1%</u>         | 9.3%                 | 8.6%  | 8.2%                   | 8.5%                    | 9.0%            | Return o                | n Côm Ec                   | ully               | 10.5%          |
| · ] | AS OF 3             | 10/10<br>'T CAP        | \$700 mil              | lion (Sm                  | ali Canì                | •                         | 3.0%                    | 3.6%                    | 3.3%                  | NMF                   | 1.0%             | 2.8%                                   | 2.7%                | 3.9%                 | 3.1%  | 3.2%                   | 15%                     | 4.0%            | Reizinad                | te Com I                   | q                  | 5.0%           |
|     | CURRE               | NT PO                  | HUON                   | 2007                      | 2004 1                  | 2/31/09                   | 687.                    | 6376                    | 60 <b>%</b> .         | 113%                  | 64%              | 6/%                                    | 6/%                 | 3679                 | 6476  | 61%                    | 61%                     | \$/%            | ALLUNG                  | s to mat P                 |                    |                |
|     | Cash A              | (L)<br>sseis           |                        | \$.7                      | 7.3                     | 1.7                       | compan                  | cas: An<br>w. Thro      | nencan a<br>udh its i | onincipal             | subsidia         | v. Goldi                               | s as a<br>In State  | Water                | County.   | Acquire                | d Chapa                 | nai City        | Water o                 | ereas de<br>en Arizon:     | ал ве:<br>a (10/00 | haromo         |
|     | Other               | Aceal                  |                        | <u>61.4</u><br>63.1       | <u>63,3</u><br>90.6     | 94.3                      | Compa                   | ny itau                 | ples wa               | ler to mo             | ve than          | 250,000                                | ausiomer            | s in 75              | 703 em  | çloyees.               | Officers                | & crect         | ors own                 | 2.6% of                    | CORNINGO           | n slock        |
|     | Accts F             | ayable                 | •                      | 29,1                      | 36.6                    | 33.9                      | metrop                  | niises en<br>Siitem ani | as of Loc             | anes, se<br>s Anaeles | s and Or         | eas inca.<br>Bride Col                 | nue me<br>miles. Th | greater<br>Broom-    | Sprowls   | ionyji (in<br>Linc: C/ | uerraten:<br>V. Addr: : | 630 Easi        | ss. Fres<br>Foolhil     | 800-fava                   | nd, San            | Dimes,         |
|     | Debt D<br>Olher     | U0                     |                        | 37.8<br>27.4              | 75.3<br>25.5            | 65.1                      | peny a                  | so provie               | ias siecu             | ic utility            | services         | to heaving                             | 23,250 (            | ustom-               | CA 917  | 73. Tet 9              | 09-394-3                | 600. Inie       | mel: ww                 | w. D5 Wate                 | r. <b>con</b> i    |                |
|     | Current<br>Fix Ch   | i Liab.                |                        | 04.3                      | 137,4                   | 99.7<br>352%              | The                     | cost                    | s of c                | ioing                 | busi             | ness                                   | conti               | nue                  | need  | to tag                 | o debt                  | and             | equity                  | r marl                     | ets i              | n or-          |
|     | ANNUA               | L RATE                 | S Past                 | Pa                        | st Est'c                | 1 97 09                   | to a<br>Inde            | aa uj<br>ed. th         | p sor<br>e wat        | er uti                | rican<br>lity s: | Stati<br>a₩ ea                         | es we<br>mines      | s cut                | struc   | ture                   | pup<br>costs            | with i<br>we ei | ne ou<br>vvisio         | irgeon                     | ing i<br>sistin    | a in           |
|     | of chang<br>Review  | e (por sh              | ) 10 Yrs.<br>4 5       | . 5Yi<br>% 6              | R. 10                   | 13-15                     | by m                    | ore t                   | han h                 | alf in                | the fe           | ourth                                  | quart               | er of                | the y   | ears t                 | o com                   | e. Su           | h end                   | leavor                     | s con              | ie at          |
|     | Cash                | Flow"                  | 5.0                    | % <u>8</u>                | 0%                      | 3.5%                      | 2009                    | des<br>Hiz              | pite p                | oostin                | g a 3            | 3% to<br>and                           | p-line<br>SC& A     | ad-                  | a pri   | ce, ho                 | WeVe:                   | r, and<br>r cha | the                     | highe                      | r inte<br>vill i   | innit .        |
|     | Olvider<br>Book V   | di<br>I                | 1.5                    | × 2                       | 5%                      | 3.0%                      | pens                    | es W6                   | re th                 | e prol                | blem,            | drag                                   | ting d              | lown                 | share   | eholde                 | r gain                  | 1s. Ap          | ainst                   | this                       | backd              | irop.          |
|     | BUOK V              |                        | 4.5                    | VENERE O                  |                         |                           | oper                    | ating                   | mar                   | zins                  | a fui            | l ba                                   | sis p               | oint.                | wen   | ow loc                 | k for                   | the co          | mpar                    | iy to e                    | arn \$             | 1.75           |
|     | endar               | Nar3                   | Jun 30                 | Sep. 30                   | Dec. 31                 | Year                      | coub                    | le of 1                 | s, a ni<br>bennl€     | igner:<br>is off s    | snare<br>share   | earnin                                 | , snav<br>1g\$,     | cu a                 | Pros  | pecti                  | vein                    | ាល ៖<br>tvest   | 1.30 N<br>D <b>rs</b> 1 | will 1                     | proba              | ably           |
|     | 2097                | 72.3                   | 79.3                   | 75.8                      | 74.0                    | 301.4                     | Ope                     | ratin                   | g exp                 | enses                 | oug              | ht to                                  | conti               | nue                  | wan   | t to                   | look                    | elsev           | here                    | The                        | se_sh              | ares           |
|     | 2009                | 08.8<br>79.6           | 60.3<br>93.6           | 101.5                     | 86.3                    | 316.0                     | fract                   | nting                   | g goir                | ng for                | ward             | alda                                   | Nater<br>r and      | in-<br>I in          | are 1   | anker                  | 14 (E<br>ara 1          | ikalv           | Avera                   | uge) îc<br>all th          | n lli<br>e bro     | nell-<br>ader  |
|     | 2010                | 83.0                   | 98.0                   | 107                       | 92.0                    | 380                       | man                     | y cas                   | es, 01.               | itdate                | d. Th            | ey re                                  | quire               | sig-                 | mark  | et for                 | the                     | comin           | g six                   | ta 12                      | mo                 | nths.          |
|     | 2011                | 89,0<br>6              | 105                    | 374                       | <u>97.0</u>             | 405                       | nific                   | ant r                   | epairs                | and                   | some             | times,                                 | comp                | slete                | The   | issue                  | s long                  | er-ter          | m pro                   | spect                      | s are              | not            |
|     | ender               | Mar.31                 | Jun, 30                | Sep. 30                   | Dec. 31                 | Year                      | are                     | auis.                   | ns a<br>ted t         | o resul<br>o resul    | u, ma<br>nain    | uncena<br>Dn Ai                        | auce (<br>n luov    | ward                 | gains   | ) over                 | the מ                   | ext 3           | to 5 v                  | eats.                      | The s              | stock          |
|     | 2007                | .40                    | .42                    | .44                       | .35                     | 1.62                      | traje                   | ctory                   | for t                 | he fo                 | resee            | ble fi                                 | uture.              | AI-                  | is al   | ready                  | tradi                   | Ing w           | ithin                   | the 2                      | 013-               | 2015           |
|     | 2003                | .30                    | .53                    | .52                       | .18                     | 1.62                      | thou                    | gn ti<br>fir fre        | ie co<br>m the        | st sti<br>s ghee      | ructur           | re is<br>fa \$⊅                        | ukely<br>I-nlue     | nii-                 | Targe   | et Pri<br>. The        | ce Ka                   | inge t          | moon                    | ent n                      | nav «              | ojec- I        |
|     | 2010                | .27                    | .58                    | .54                       | .36                     | 1,75                      | lion                    | legal                   | charg                 | e inci                | urred            | last                                   | /ear, r             | nar-                 | temp  | ting                   | at fir                  | st bl           | ush,                    | but i                      | ts_ap              | peal           |
| ·   | 2011<br>Col.        | 0114                   | .Q4<br>ATERIY DA       | .J/<br>ADENDSO            | AD Ball                 | 1.90<br>Kun               | gins                    | will                    | proba                 | bly st                | 10W D            | nodesť                                 | 1mpr                | ove-                 | fades   | whe                    | n con                   | npare           | d to                    | those                      | of                 | ome            |
|     | endar               | Mar.31                 | Jun.30                 | Sep.30                    | Dec.31                  | Year                      | erod                    | ing th                  | ereaft                | eiore<br>er.          | statti           | ng in                                  | 2011                | #110                 | the t   | atility                | spac                    | e, Alt          | hough                   | 1 the                      | com                | bany l         |
|     | 2006                | 225                    | .225                   | .225                      | .235                    | .91                       |                         | . 8                     | und 1                 | the f                 | linan            | cial                                   | burd                | en                   | has a   | a long                 | stand                   | ing hi          | story                   | of div                     | iden               | t In-          |
|     | 2008                | 250                    | .250                   | .250                      | .250                    | 1.00                      | rem:                    | nus ,<br>palar          | worri                 | SOID8                 | nd ne            | n a fa<br>plipihl                      | ILIA 16<br>PLEN     | VEC-                 | creas<br>keen   | es, its<br>growt       | h in a                  | ncial (         | onstr                   | airits                     | may                | well           |
| ĺ   | 2009                | .250                   | .250                   | .250                      | .260                    | 1.01                      | Ame                     | rican                   | is st                 | rappe                 | d for            | cash                                   | and                 | will                 | And   | <i></i>                | ostan                   | za              |                         | Apr.                       | 11 23,             | 2010           |
|     | A) Prist            | ary ea                 | nings, Ex              | ciudes n                  | เอกระณาที่              | (8)                       | Didens                  | historic                | ully paid             | in early              | March,           |  |                     |                      |   |                        | Cor                     | npany's         | - Stehlin               | Strangl                    | h                  | 8+4<br>A5      |
| 1   | gains/00            | sseri: (               | M, 1416, U             | io, ∡op; 1                | 10,05,1                 | 10, <b>J.</b> 871         | , JUPRENT               | NON, BIKI               | NACALLID              | tai. ≓ U#             | n téxta          |  |                     |                      |   |                        | eip                     | en a PriiC      |                         |                            |                    |                |

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| AQUA AMERICA NYSE-WIR   |                            | RECE                        | 17.9                            | 7 PE<br>RATI           | o <b>21</b> .         | 9 ( In B               | ng: 22.3<br>an: 25.0) | RELAIN<br>PRE RAT                             | 5 <b>1.2</b>            | 1 piyo<br>yld          | 3.2                     | 2%                     | ALU<br>LINE             | E                      |                     |
|---|----------------------------|-----------------------------|---------------------------------|------------------------|-----------------------|------------------------|-----------------------|---|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|---------------------|
| TIMELINESS 3 Lossed 6/2609 High: 11.5   | 12.0                       | 14.8 1                      | 5.0 16.8<br>9.8 11.8            | 18.5                   | 29.2                  | 29.8<br>20,1           | 26.6                  | 22.0<br>12.2                                  | 21.5<br>15.4            | 18.1                   |                         |                        | Target<br>2013          | Price                  | Range               |
| SAFETY 3 Lowned 2/003 LEGENDS   | nds ø sh                   | 34                          |                                 |                        |                       |                        |                       |   |                         |                        | L                       | L.                     |                         | 2014                   | 64                  |
| TECHNICAL S LOOSES 425/10 Relative Pice<br>RETA   | e Stiengu                  | <b>A</b>                    |                                 |                        |                       | or-3                   |                       | ┠━─╼  | <u> </u>                | <u> </u>               |                         | <u> </u>               | l                       | <u> </u>               | +18                 |
| 2013-15 PROJECTIONS   |                            |                             |                                 |                        |                       |                        |                       |   |                         |                        |                         |                        |                         |                        | 32                  |
| Price Gain Return 4-for-3 spit 1205   |                            |                             |                                 |                        | ┝╌╓╜                  | 11116                  | <u>nah</u> g          |   |                         |                        | <u> </u>                |                        |                         | <u> </u>               | 13                  |
| Low 25 (+18 R) 77% Studied were price   | r recession<br>gan 12/07   | 翻回                          |                                 |                        | <b> </b> -            | ╞_─                    |                       | <u>r up</u>                                   | դերա՝                   | <u> u</u>              | ┨───                    | ┟╼╌╴                   | <u> </u>                | ┟                      | +16                 |
| Natider Decisions   | 11.11                      |                             | h.                              |                        |                       |                        |                       | · ·   | .,                      |                        | ţ                       |                        |                         |                        | Γ                   |
|   |                            |                             |                                 |                        |                       |                        |                       |   |                         |                        |                         | Į                      |                         |                        | L                   |
| Institutional Decisions   |                            |                             |                                 |                        |                       |                        |                       | ан.<br>1. ан                                  | 1                       | ·.                     |                         | % TD                   | T. RETUR<br>THIS        | LN 3/10<br>VL ANTR     |                     |
| 202000 302000 402000 Percent 15-  |                            | 6366)<br>5757               | ╅╁━╌╴                           |                        |                       |                        |                       |   |                         | <u></u>                |                         | 19.                    | STOCK<br>-9.1           | 91.1                   | F                   |
| to Sell 138 118 104 traded 5 -<br>HM/3(54) 61341 60196 60166  | Immuni                     |                             | hildfuilte                      |                        |                       |                        |                       |   |                         |                        |                         | 5 yr.                  | 8.2                     | 42.8                   | È                   |
| 1994 1995 1996 1997 1998 1999   | 2000 2                     | 2001 20                     | 02 2003                         | 2004                   | 2005                  | 2005                   | 2007                  | 2008  | 2009                    | 12010                  | 2011                    | O VAL                  | VE LINE PI              | U8., INC.              | <u>[].15</u><br>£45 |
| 42 47 50 56 61 72   | .76                        | .66                         | .94 .95                         | 1.09                   | 1.21                  | 1.26                   | 1.37                  | 1.42  | 1.61                    | 1.75                   | 1.90                    | Cash F                 | law" per u              | sh i                   | 2.60                |
| 26 29 30 36 40 42   | .47                        | .51                         | .54 .57                         | .64<br>17              | .7†                   | .70                    | .71                   | .73   | ,37                     | .85                    | .95                     | Earning:<br>Obtain     | ipersh'<br>distant      | ь. <b>В</b> а          | 1.40<br>70          |
| 46 32 48 59 82 90   | 1.16                       | 1.09                        | 1.20 1.32                       | (Å                     | TRE                   | 2.05                   | 1.79                  | 1.98  | 2.08                    | 2.15                   | 2.25                    | Cap'l Sp               | ending pr               | er sh                  | 2.50                |
| 241 246 269 284 3.21 3.42<br>59.77 63.74 65.75 67.47 72.20 106.80                                       | 111.87                     | 4.15                        | 4.38 5.34<br>9 10 123 45        | 5.89                   | 6.30<br>128.97        | 5.96<br>132.33         | 1.32                  | 135.37  | 8.12                    | 117.50                 | 8.50<br>138.60          | Book Va                | ive per si<br>She Out   | h<br>el'a C            | 10.15               |
| 13.5 12.0 15.6 17.8 22.5 21.2   | 182                        | 23.6                        | 23.6 24.5                       | 25.t                   | 31.0                  | 34.7                   | 32.0                  | 24.9  | 23.1                    | Ruld fig               | Pres 816                | AY & AN                | I P/E Rai               | 10                     | 21.0                |
| 89 .80 .99 1.03 1.17 1.21<br>8.0% 6.2% 4.9% 3.9% 2.9% 3.0%  | 1.18                       | 1.21                        | 1.29 1.40<br>5% 2.5%            | 1.33                   | 1.69<br>1.8%          | 1.87<br>1.8%           | 2.1%                  | 1.50  | 1.54                    | esth:                  | Líoe<br>Net             | Relative               | P/E Ratio<br>'i Dhva Yi | ield                   | 1,40<br>2,0%        |
| CAPITAL STRUCTURE as of 12/31/09  | 275.5                      | 307.3 3                     | 22.0 387.2                      | 4120                   | 495.8                 | 533.5                  | 602.5                 | 627.0   | 670.5                   | 730                    | 785                     | Revenue                | <b>is (S</b> milli)     |                        | 975                 |
| Total Debt \$1473.6 mill Due in 5 Yrs \$276.5 mill<br>1 T Debt \$1386.6 mill. 1 T Interest \$70.0 mill. | 50.7                       | 585 (                       | 67.3                            | 80.0                   | 91.2                  | 92.0                   | 95.0                  | 97.9  | 104.4                   | 125                    | 135                     | Net Prof               | k (\$m@)                |                        | 195                 |
| (LT interest earned; 3.5x; total interest coverege:   | 30.37                      | 59.376 38                   |                                 | 35,47                  | 35,47                 | 39.0%                  | 30.57                 | 2.9%  | 3,1%                    | 2.8%                   | 2.5%                    | AFUDC                  | act reate<br>A to Net f | rofit                  | 1.7%                |
|   | 52.0%                      | 52.2% 54                    | 2% 51.4%                        | 50.0%                  | 52.0%                 | 51.6%                  | 55.4%                 | 54.1%   | 55.6%                   | 55.0%                  | \$4.0%                  | Long-Te                | rm Dect F               | Latio                  | 49.5%               |
| Pension Agaets-5209 \$755.6 mil.<br>Oblig. \$217.8 mil.   | 901.1                      | 990.4 10                    | 47 40.07                        | 1497.3                 | 48.0%                 | 1904.4                 | 2191.4                | 43.97   | 2495.5                  | 2530                   | 40.47<br>2575           | Total Ca               | pital (\$m)             | (1840)<br>11)          | 2805                |
| Pfd Stock None<br>Common Stock 136,679,644 shares   | 1251.4 6                   | 358.1 149                   | 0.8 1824.3                      | 2069.8                 | 2280.0                | 2506.0                 | 2792.8                | 2897.4  | 3227.3                  | 3200                   | 3350                    | Net Plan               | t (\$mili)              |                        | 3600                |
| as of 2/12/10   | 1.75                       | 2.3% 12                     | .7% 10.2%                       | 10.7%                  | 11.2%                 | 10.0%                  | 9.7%                  | 9.3%  | 9.4%                    | 10.9%                  | 11.0%                   | Return o               | n Shc Eq                | uity [                 | 14.0%               |
| MARKET CAP: \$2,4 billion (Mid Cap)   | 11.7% 1                    | 24% 12                      | 7% 10.2%                        | 10.7%                  | 11.2%                 | 10.0%                  | 9.7%                  | 9.3%  | 9.4%                    | 10.0%                  | 11.0%                   | Returne                | n Com El                | wity                   | 14.0%               |
| (SAGL)<br>(SAGL)  | 60%                        | 59% S                       | 59% 58%                         | 57%                    | 56%                   | 63%                    | 67%                   | 70%   | 72%                     | 70%                    | \$7%                    | AT Divid               | s to Ket P              | raf                    | 51%                 |
| Receivables 82.9 84.5 76.7<br>Receivables 82.9 84.5 76.7  | BUSINES                    | IS: Aqua A                  | merica, Ino.                    | is the ho              | Iding co              | mpany fo               | w water               | others.                                       | Water su                | ipply reve             | anues '09               | ; resklen              | (a), 58.5               | %; com                 | nercial.            |
| Other 83 11.8 11.5<br>Other 1155 1210 1218  | denis in l                 | ewater goo<br>Petansylvau   | ues unat serve<br>nía, Ohio, No | nih Carol              | ina, illin;           | nee muuk<br>Ils, Texa  | s,New                 | 14% ( In<br>the com                           | ousinal e<br>Vition sid | sonner, 2<br>ick (4/10 | Proxy).                 | nicers an<br>Chairmar  | n & Chie<br>1 & Chie    | f Execul               | we Of-              |
| Accis Payable 45.8 50.0 57.9  | Jersey, Fi                 | iorida, Indi<br>watar besti | iana, and Avi<br>nasses in 191  | ) other s<br>; )elamai | kales. Di<br>kalina a | vestod ()<br>nuo io ii | hree of<br>3' and     | ficer: Ni<br>762 We                           | cholas D<br>st Lanca    | leBenadik<br>slar Avez | nis. Incor<br>108. Bryc | rporated;<br>• Mawr, P | Pennsyh<br>Vennsylwa    | ranîa, Ac<br>rita 1901 | idress:<br>10. Tel- |
| Other 56.6 55.3 56.1  | others, Ar                 | coulded Aq                  | NaSource, 7/                    | 03; Cons               | umars V               | later, 4/9             | 9, and                | aphone  | 610-525                 | -1400. In              | iternet: w              | nny.agua               | america.(               | 2017)                  |                     |
| Fix, Chg. Cov. 323% 329% 346%   | Aqua                       | Ameri                       | ca man:                         | aged :<br>nite :       | to inc<br>the u       | rease                  | e its<br>med          | \$65 in th                                    | niilio<br>a latte       | n in la<br>er bel      | awsuli<br>fofth         | ts sho                 | uld be                  | e reso<br>I man        | lved                |
| AMNUAL RATES Past Past Est'd '07-'09<br>(dichange tree sh) 10 Yrs 5 Yrs to '13'15                       | econo                      | mic b                       | ackdro                          | 5. For                 | the                   | full y                 | /ear,                 | ment  | plan                    | s to p                 | etition                 | n for \$               | 25 m                    | illion-                | -\$30               |
| Revenues 8.0% 9.0% 7.0%<br>"Cash Flow" 9.5% 8.0% 10.0%  | efits fi                   | ies adv                     | anced 79<br>te-celief           | 6, mo<br>cases         | stly d<br>and a       | ue to<br>ains i        | ben-<br>from          | millio<br>by ve                               | n in<br>arend           | rate<br>I.             | incre                   | ases a                 | and s                   | urcha                  | rges                |
| Earnings 7.5% 5.5% 11.5%<br>Dividends 7.0% 8.0% 5.5%  | acquis                     | itions.                     | This                            | offse                  | t ur                  | favor                  | able                  | The   | divid                   | lend j                 | payo                    | ut she                 | blue                    | conti                  | nue                 |
| Book Value 9.5% 10.0% 4.5%  | The 1                      | er conc<br>bottom           | line b                          | enefit                 | ed fa                 | om (                   | une.<br>cost-         | The   | a a p<br>histor         | dcal ti                | spot<br>rend i          | ior A<br>of ma         | nagen                   | amei<br>nent i         | rais-               |
| Car. UVAKIEKUT NEVENVES (\$ MML) Full<br>endar Mar.31 Jup.30 Sep.30 Dec.31 Year                         | cutting                    | g effort                    | s, but th                       | uls wa                 | s disc                | ounte                  | d by                  | ing i   | s divi                  | idend                  | every                   | year                   | will п                  | iost li                | kely                |
| 2007 137.3 150.6 165.5 149.1 602.5 2008 139.3 151.0 177.1 159.6 527.0                                   | The c                      | ompai                       | ny's cus                        | tomer                  | , gro                 | wth c                  | ver                   | This  | stoc                    | k is                   | ranl                    | ced t                  | o mi                    | rror                   | the                 |
| 2009 154.5 107.3 180.8 187.9 870.5  | the n                      | ext fev<br>d thro           | w years<br>ough ge              | vill :<br>avisi        | most<br>ition«        | likely<br>Tov          | y be<br>vard          | broa<br>Althr                                 | der n<br>ngb            | narke<br>share         | earn                    | er the                 | comi<br>were            | ing y<br>flat          | éar.<br>Vear        |
| 2011 105 185 195 185 730<br>2011 175 195 210 205 785  | this er                    | nd, Aqı                     | ia Ameri                        | ca's N                 | lew J                 | rsey                   | sub                   | ub over year in the second half of 2009, we e |                         |                        |                         |                        |                         | e es-                  |                     |
| Cal. EARNINGS PER SHARE A Full  | sidiary<br>water           | y comp<br>syste             | pieted ti<br>m asse             | ne pu<br>sts o         | irchas                | e of<br>oomsi          | the<br>bury           | timai<br>advai                                | ce tha                  | it the<br>ver the      | top a<br>next           | ind bo<br>few a        | uarte                   | unes<br>rs.            | will                |
| 2007 13 17 22 19 71   | Borou                      | gh. Thi                     | s added                         | about                  | 1,00                  | ) resi                 | den                   | Thes  | e sh                    | ares                   | hold                    | abov                   | e ave                   | rage                   | ap-                 |
| 2008 .11 17 .26 .19 .73   | quisiti                    | lons                        | of sm                           | aller                  | wat                   | tet.                   | and                   | to 5  | yea                     | rs. T                  | he a                    | forem                  | ention                  | ed g                   | ains                |
| 2010 15 20 27 23 85   | waste                      | water o                     | companie                        | s will                 | be c                  | ne of                  | the                   | from  | acqu                    | isition                | s sho                   | uld e                  | nable                   | rever                  | iues                |
| 2011 .77 .22 .30 .25 .95  | ment.                      | points                      | vi iocus                        | 101 1                  |                       | 1101                   | -80-                  | pull  | io 201                  | 3-201                  | 5. Ot                   | her po                 | o ints c                | of inte                | rest                |
| endar Mar.31 Jun.30 Sep.30 Dec.31 Year  | Earni                      | ngs g                       | ains oy<br>Id be                | ver t<br>holste        | he n<br>ereni         | thro                   | few<br>ugh            | for the                                       | nis eq                  | uity I<br>e Sta        | includ<br>hillirv       | e its<br>and           | high :<br>Earn          | scores<br>ings         | ; for<br>Pre-       |
| 2006 107 107 115 115 44<br>2007 115 115 125 125 48  | rate                       | relief                      | cases. I                        | During                 | the                   | first                  | two                   | dicta   | bility.                 | All                    | told,                   | this                   | stock                   | Îs                     | best                |
| 2001 .125 .125 .125 .135 .51  | month<br>rate re           | s of 20<br>elief car        | ulu, Aqu<br>ses that :          | should                 | herica<br>1 add       | has<br>\$6 mi          | Won<br>Ilion          | suite<br>tors.                                | d for                   | long                   | term                    | consi                  | ervati                  | ve in                  | V8\$-               |
| 2010 .145   | per an                     | mum t                       | o the to                        | p line                 | . An                  | additi                 | onal                  | John  | D. B                    | urke                   |                         |                        | Apri                    | 11 23,                 | 2010                |
| (A) Deuted shares. Excl. nonrec. pains Next<br>(losses); '99, (114); '00, 25; '01, 26; '02, 56; (8) (   | earnings re<br>Widends his | storicaliv o                | ite April.<br>ald in early M    | erch, I                | C) in mil             | ions, add              | usted for             | slock sh                                      | ils.                    | Con                    | npany's<br>ck's Pric    | Financia<br>o Stabilit | l Sirengt<br>Y          | h                      | 8+<br>85            |
| 03, 44, Excl. gain from disc. operations: '96, June<br>26, Earnings may not add due to rounding. sval   | , Sept. & Da               | ec, = Divid.<br>scount).    | , reinvesimani                  | ptan                   |                       |                        |                       | -   |                         | Pric                   | e Growt                 | h Persial<br>edictabli | iençe<br>ity            | _                      | 70<br>100           |

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| CALIFORN                                   | A WA                     | ATER                   | NYS.                         | E-cwt  | R                    | ecent<br>Rice           | 38.5                   | 1 PHE<br>RATI          | o 19.                   | 2(In.W                 | ng: 19.7)<br>an: 72.0) | RE ATM<br>P/E RAT                            | 61.0                   | 6 MUD              | 3.1                 | %                    |   |   |                 |
|--|--------------------------|------------------------|------------------------------|--|----------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|--|------------------------|--------------------|---------------------|----------------------|---|---|-----------------|
| TOMELINESS 4 LOWER                         | d TRACO                  | High:                  | 32.0                         | 31.4   | 28.0                 | 28.9                    | 31.4                   | 37.9                   | 42.1                    | 45.8                   | 45.4                   | 46.8   | 48.3                   | 39.6               | <u> </u>            |                      | Target                                  | Price   | Range           |
| SAFETY 3 LONNE                             | 07/23/01                 | LEGE                   |                              | 1 <u>-61/9</u> 1                             | <u>ר</u> וייי        | 20.0                    | 2.J.F ;                | 20.1                   | 37.5                    | 02,0                   | 34.2                   | 27.7   | 33,5                   |                    | 1                   | }                    | 2013                                    | 2014  | 2015            |
| TECHNICAL 3 Long                           | 6 4723/10                | Ri                     | ided by in<br>Name Pac       | enesi Rata<br># Strength                     |                      |                         |                        |                        |                         |                        |                        |  |                        |                    |                     |                      |   |   | - 128           |
| BEIA .75 (1.00- Rated                      | ANS -                    | 2-for-1 st<br>Options: | 58 1598<br>Yes               |  |                      |                         |                        |                        |                         |                        |                        |  |                        | <u> </u>           |                     |                      |   |   | 60              |
| Pales Colo                                 | Ann'i Total              | Latest Inc             | cession be                   | gan 12/07                                    |                      |                         |                        |                        |                         |                        |                        |  |                        |                    |                     |                      |   |   | 48              |
| 1000 50 (+55%)                             | 14%                      |                        |                              |  | 14.34                |                         |                        |                        | North L                 | 1100                   | HI-                    | The second                                   | Щ <sup>1</sup> ти.,    |                    |                     |                      |   |   | ±40<br>±32      |
| Insider Decisions                          |                          | Parat                  | han the                      | ))<br> -  -  -  -  -  -  -  -  -  -  -  -  - | 原意                   | իրերան                  | ut <sup>th</sup> hie   | 119 <sup>1616</sup> 74 | L                       | <u> </u>               |                        | <u>                                     </u> | <u> </u>               |                    | <b> </b>            | ┢                    | }                                       |   | 24              |
| 14Bay 000000                               | 1 M D 0 0                | غيث ا                  |                              | ·  |                      | <u> </u>                |                        |                        |                         | <b> </b>               |                        |  | ľ.,                    |                    | · · ·               | <b> </b> _           | <b> </b>                                |   | 16              |
| 0,666mis 0 8 0 0 0 8<br>116548 0 0 0 0 0 0 | 200                      |                        | ļ                            |  |                      | ┝╾╶─                    |                        |                        |                         | 141<br>101 101 101 101 | <u></u>                |  |                        | <u> </u>           |                     |                      |   |   | -12             |
| Institutional Decisio                      | 118                      |                        | ł                            |  |                      | [                       |                        | і ї і                  |                         | Į,                     |                        | llichill                                     | likk i l               | Ċ                  | [                   | . * 10               | THE UK                                  | N STIC  | l               |
| 10 kg 78 50                                | 51                       | Percen                 | ( 9-<br>6-                   |  | 1000                 | <u> </u>                |                        |                        | 1.14                    |                        |                        |  |                        |                    |                     | 1 12                 | -7.2                                    | 91.1  | F .             |
| 1003(00) 10018 963                         | 10204                    | Field                  | 3 -                          | illillin a                                   | <b>LIND</b>          |                         |                        |                        |                         |                        |                        |  |                        |                    |                     | 5 yr.                | 30.4                                    | 42.8  | <u> </u>        |
| 1250 1217 44                               | 1997                     | 1998                   | 1506                         | 16 18  | 16.20                | 17 20                   | 18 17                  | 17 18                  | 17.44                   | 16 20                  | 2007                   | 10 10  | 2009                   | 2010               | 2011                | Decomposite          | LE LINE PI                              | <u>я, нс</u>                                  | 13-15           |
| 2.02 2.07 2.5                              | 2.92                     | 2.60                   | 2.75                         | 2.52   | 2.20                 | 2.65                    | 2.51                   | 2.83                   | 3,03                    | 2.71                   | 3.12                   | 3.72   | 3.87                   | 3,95               | 4.15                | "Cash F              | ia peran<br>Iow pera                    | ih ¦  | 4,50            |
| 1.22 1.17 1.5                              | 1,53                     | 1.45                   | 1.53                         | 1.31   | .94                  | 1.25                    | 1.21                   | 1,45                   | 1.17                    | 1.34                   | 1.50                   | 1.90   | 1.95                   | 2,05               | 2,25                | Earning              | ; per sh                                | <b>.</b> (                                    | 2.60            |
| 226 2.11 2.6                               | 2.51                     | 2.14                   | 3,44                         | 2.45   | 4.03                 | 5.82                    | 4,39                   | 3.73                   | 4.01                    | 4.28                   | 3.68                   | 4.82   | 5.33                   | 5.35               | 5.35                | Cap'l Sp             | endina el                               | rsh i   | 1.23            |
| 11.56 11.72 12.2                           | 13.00                    | 13.38                  | 13.43                        | 12.90  | 12.95                | 13.12                   | 14.44                  | 15.68                  | 15.79                   | 18,15                  | 18.50                  | 19.44  | 20.26                  | 20.70              | 21,60               | Book Va              | lus per si                              | c   | 23.25           |
| 12.49 12.54 12.6                           | 2 12.62                  | 12.62                  | 12.94                        | 15.15  | 15.18                | 15,18                   | 16.93                  | 18.37                  | 18,39                   | 20.55                  | 20.57                  | 20.72  | 20.77                  | 25.00              | 21.50               | Common               | 1 Shs Out                               | 51'0 P  | 23.00           |
| .92 .92 .74                                | .73                      | .93                    | 1,01                         | 1.27   | 1.39                 | 1.08                    | 1.26                   | 1.06                   | 1.33                    | 1.58                   | 1.39                   | 1,19   | 1.32                   | Velve              | Line                | Relative             | P/E Ratio                               | ~ }   | 1.25            |
| 5.8% 6.4% 5.8%                             | 4.6%                     | 4.2%                   | 4.0%                         | 4.3%   | 4.4%                 | 4.5%                    | 42%                    | 3.9%                   | 3.1%                    | 2.9%                   | 3.0%                   | 3.1%   | 3.1%                   | eşirir             |                     | Avg Ana              | 'l Olv'd Yi                             | eld   | 2.5%            |
| CAPITAL STRUCTURE                          | as of 12/3<br>Due in 5 1 | 1/09<br>frs 355.2      | നല്ല.                        | 244.8  | 246.8                | 263.2                   | 277.1                  | 315.6                  | 320.7                   | 334.7                  | 357.1                  | 410.3  | 449.4                  | 470                | 510                 | Revenue<br>Not firef | es (\$mili) <sup>(</sup><br>6 / \$~ 101 |   | 585<br>84 0     |
| LT Debi \$374.3 mil.                       | LT Interes               | it \$24.4 n            | nið.                         | 12.3%  | 39.4%                | 39.7%                   | 39.9%                  | 39.6%                  | 42.4%                   | 37.4%                  | 39.9%                  | 37.7%  | 40.3%                  | 39.0%              | 39.0%               | income 1             | iax Rate                                |   | 19.0%           |
| (LT interest earned: 4.1)                  | ; Iolai int. (           | :: 3.8x                | )                            |  |                      |                         | 10.3%                  | 3.2%                   | 3.3%                    | 10.6%                  | 8.3%                   | 8.6%   | 7.6%                   | 8.5%               | 10.0%               | AFUCC                | to Net F                                | rofil   | 10.0%           |
| Pension Assets-12/09                       | 105.6 mil                |                        |                              | 40.9%<br>50.2%                               | 18.5%                | 44.0%                   | 49.1%                  | 45.075<br>50.8%        | 46.37<br>51.1%          | 43.07<br>55.9%         | 58.6%                  | 59.4%  | 52.9%                  | 51.0%              | 53.5%               | Common               | Equity R                                | atto i  | 49.075<br>51.0% |
| Birl Stork None                            | Obilg, \$2               | 19.7 mil.              |                              | 388.8  | 402.7                | 453.1                   | 498.4                  | 565.9                  | 568.1                   | 570,1                  | 674.9                  | - 690.4                                      | 794.9                  | 855                | 905                 | Total Ca             | pital (\$m)i                            | 1)  | 1035            |
|  |                          |                        |                              | 582.0<br>6 8 %                               | <u>624.3</u>         | <u>697.0</u><br>5 9%    | 758.5                  | 6.1%                   | 862.7                   | <u>941.5</u><br>5 2%   | 5 9%                   | 1112.4                                       | 1198.1<br>6.5%         | 1265               | 1325                | Net Plan<br>Relum o  | t (Smill)<br>n Total Ci                 | off -   | 1475            |
| Common Stack 20,765,<br>as of 2/24/10      | 422 sha,                 |                        |                              | 10.0%  | 7.2%                 | 9.4%                    | 7.8%                   | 8.9%                   | 9.3%                    | 6.8%                   | 8.1%                   | 9.9%   | 9.6%                   | 10.0%              | 10.5K               | Return o             | a Sht. Eq                               | utly  | 11.0%           |
| MARKET CAP: SEOR TH                        | ittan (Seu               | li Caol                |                              | 10.1%  | 7.2%                 | 9.5%                    | 7.9%                   | 9.0%                   | 9.3%                    | 6.8%                   | 8.1%                   | 8.9%   | 9.6%                   | 10.0%              | 10.5%               | Relurn o             | n Com Eq                                | <u>wiv</u>                                    | 11.0%           |
| CURRENT POSITION                           | 2007                     | 2008 1                 | 2/31/09                      | 82%  | 119%                 | 90%                     | 91%                    | 77%                    | 78%                     | 86%                    | 77%                    | 61%  | 50%                    | 58%                | 51%                 | AII DIV'd            | to Nel P                                | rof   | 48%             |
| Cash Assets                                | 6.7                      | 13.9                   | 9.9                          | <b>BUSIN</b>                                 | E83: Ca              | Komia W                 | aler Serv              | ice Grou               | p provide               | s regulat              | bes be                 | breakdo                                      | vm, 106:               | residanfi          | al, 69%; 1          | xisiness,            | 18%; pu                                 | blic aug                                      | onities,        |
| Cuttent Assets                             | 60.0                     | 79.8                   | 92.2                         | commu<br>commu                               | usateo;w<br>milia;in | ater serv<br>California | koe va ka<br>U. Washia | nglon, N               | na solu c<br>anv Mexi   | usiomers<br>bo, and i  | i in 83<br>Hawail      | Has rou                                      | ghiy 929               | e/mploye           | 3%, 08<br>es, Chair | reportet<br>man: Roi | deprectat<br>bert W.F                   | ovi raun<br>ovi Pres                          | keniä           |
| Accts Payable<br>Debi Dus                  | 36.7<br>2.7              | 45  <br>42 8           | 43.7<br>25.0                 | Main s                                       | arvice as            | eas: San                | Francis                | to Bey a               | rez, Sac                | ramento                | Visley,                | CEO: P                                       | eter C. N              | ielson (4          | 09 Proxy            | i). Inc.: C          | 121/210.                                | Address                                       | 1720            |
| Other<br>Current Lieb                      | 30.3                     | 35.3                   | -41.7                        | ୍ ରଥ୍ୟାଯ୍ୟ<br>ସୁର୍ଯ୍ୟନ୍ତର୍ପ                  | ivalley.<br>Rid Gra  | nde Com                 | quanivaa<br>∧;Wanat    | keγospe<br>Hawaäli     | lister Le<br>Jaailles ( | 25 Angel<br>9/08), Ri  | es. Ac-<br>Ineraid     | 408-367                                      | 451 Surei<br>-8200, ho | el San<br>Refret W | vw.caiwa            | tergroup             | .0011.2-405                             | 90. Tek                                       | pnone:          |
| Fla. Chg. Cov.                             | 333%                     | 398%                   | 430%                         | Incr   | eased                | i exp                   | ense                   | s sai                  | ık C                    | alifor                 | ліа                    | comp   | any l                  | nas fi             | led a               | rate                 | relie                                   | f req   | uest            |
| ANNUAL RATES Pas                           | t Pat<br>s SVr           | st Est'd               | 1 40 <b>7-109</b><br>113-115 | Wate   | er Se                | rvice                   | Grou                   | up's b                 | ottor                   | n line                 | e in                   | with   | the (                  | Califo             | nia F               | ublic                | Utilie                                  | ies (   | om-             |
| Revenues 2.<br>"Cesh Flow" 2               | 5% 3                     | 0%                     | 4.5%                         | poste  | ed sha               | ure ea                  | nings                  | s of \$(               | ).31, I                 | 1% b                   | elow                   | A ru   | ling is                | s like             | ly to               | be ha                | inded                                   | dowi  | h by            |
| Earnings 1.                                | 0% 8                     | 5%                     | 6.5%                         | both   | last                 | year's                  | mar                    | k and                  | ber a                   | estin                  | iate.                  | yeare  | ກດ໌ W                  | ith th             | ie nev              | v rate               | s effe                                  | tive  | Jan-            |
| Book Value 4.                              | 6                        | ō%.                    | 3.0%                         | 7%,  | to rou               | ighly 3                 | 107                    | millio                 | n, but                  | expe                   | nses                   | be a   | bit lof                | 11. A<br>Ty, we    | expe                | ctafa                | : prop<br>ivorab                        | le ru   | ling.           |
| Cal- QUARIERLY R                           | EVENIVES (S              | nnil)≠<br>Dec 34       | Full                         | grew   | faste                | r, due                  | to in                  | ncreas                 | ed wa                   | ater p                 | rod-                   | given  | the r                  | recent             | regul               | atory                | lands                                   | cape  | and             |
| 2007 71.6 95.8                             | 113.8                    | 85.9                   | 367.1                        | high   | er per               | u su<br>ision a         | und be                 | nefit                  | specia<br>comm          | itmen                  | ts.                    | dards  | i. The                 | erefor             | e, we               | va pe                | an, wa                                  | CW  | to S            |
| 2008 72.9 105.6                            | 131.7<br>130.2           | 100,1<br>106 9         | 410.3                        | Wel  | have                 | temp                    | ered                   |                        | 2010                    | earni                  | ngs                    | earn   | \$2.25                 | a sh               | are, o              | n re                 | enue:                                   | s of r  | nore            |
| 2010 93.0 122                              | 145                      | 110                    | 470                          | costs  | are                  | ons<br>likelv           | to                     | contin                 | ue to                   | perat<br>rise          | ມາຊ<br>, as            | That   | said                   | . we               | n nex<br>think      | the                  | stock                                   | is f  | ully            |
| 2011 100 131                               | 157<br>DED CHART         | 122                    | 510                          | agin   | g in                 | frastri                 | icture                 | 5 T                    | quire                   | gre                    | ater                   | valu   | ed at                  | this               | time.               | It is                | rank                                    | ed 4  | (Be             |
| endar Mar.31 Jun.31                        | ) Sep.30                 | Dec 31                 | - Pull<br>Year               | main<br>will                                 | get lit              | ice ar<br>tle in        | the w                  | µans.<br>/ay of        | relief                  | comp<br>frøm           | rate                   | Value  | verag<br>Line          | medi:              | an in               | uness<br>terms       | of 3-                                   | to 5-   | vear            |
| 2007 .07 .37                               | .67                      | .39                    | 1.50                         | hike   | s this               | year                    | how                    | ever.                  | beca                    | ISE O                  | ther                   | appre  | clatio                 | n pot              | ential              | . Alt                | hough                                   | ar  | lore            |
| 2009 .12 .58                               | .94                      | .35                    | 1.95                         | creas  | . poté<br>ses. ti    | indal<br>here i         | mod<br>s not           | est ii<br>exce         | ntiatio<br>cted t       | inary<br>to be         | 10-<br>80V             | in al  | ructiv<br>ace. ti      | e regi<br>he ere   | ater                | y ciini<br>stock     | are io<br>and d                         | oks t<br>ebt a                                | o oe<br>ffer-   |
| 2010 .11 .61                               | .98<br>1.03              | .35                    | 2.05                         | rate   | incre                | ases                    | Imple                  | ment                   | ed ur                   | itil 2                 | 011.                   | ings   | that a                 | are lil            | cely t              | o be i               | needee                                  | to l  | keep            |
| Cat. QUARTERLY D                           | VIDENDS IN               | WD 8 .                 | Fell                         | Most   | tieen i              | ne com<br>10 for        | npan)<br>gene          | /sเβบ<br>raira         | osidia<br>te cas        | ries t<br>io revi      | iave<br>lews           | probz  | e our;<br>bly di       | geonir<br>Llute s  | ng inti<br>sharel   | astru<br>Iolder      | cture<br>gains                          | costs   | will<br>013-    |
| ander Mar.31 Jun.31                        | Sep.30                   | Dec 31                 | Year                         | л п  | tore t               | han t                   | hree                   | years                  | ow                      | ng to                  | the                    | 2015.  | The                    | issue              | s ste               | idy di               | viden                                   | d gro   | wth             |
| 2005 2875 2875 2875 2007 290 290           | .2075                    | .2875<br>.290          | 1,15                         | chøn<br>As 4                                 | geove<br>a res       | rtoa<br>ult.v           | conso<br>/e_su         | udate<br>spect         | d Illin<br>that         | ig sysi                | ings                   | adds   | some<br>n. bu          | appe<br>t Inv      | al for<br>estors    | have                 | a seek<br>a beri                        | ting (<br>ter n                               | ure-            |
| 2008 293 .293                              | .293                     | 293                    | 1.17                         | grow   | th wil               | l be l                  | icky t                 | o top                  | 5% th                   | is yea                 | r                      | Brow   | h an                   | d/or l             | ncome               | e vehi               | cles 1                                  | o ch  | ose             |
| 2010 .295 .295                             | .293                     | . <i>co</i> p          | 1.10                         | Grov   | wth i<br>bow         | rates<br>vever.         | As n                   | it <b>to</b><br>nentin | ptck<br>ned a           | up 1<br>hove           | the                    | trom<br>Andr                                 | eisewi<br>e J. C       | nere.<br>ostan:    | <b>7</b> 8          |                      | Aori                                    | 1 23.   | 2010            |
| (A) Basic EPS. Excl. non                   | nocurring g              | sin (1055)             | ); (8) (                     | Dividends                                    | historica            | lly paid in             | mid-Fet                | <u>ь.</u> Т(           | Cj Inci. d              | telenred :             | harges.                | n 09: \$2                                    | .6 mill.,              | Con                | apany's i           | Inenclai             | Strengt                                 | <u>, , , , , , , , , , , , , , , , , , , </u> | 8++             |



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| MID                         | DLE                    | SEX                    | WAT              | ER N         | DQ               | MSEX                                 | RE                                    | CENT 17.                                      | 44 TRAILING<br>PJE RATH                 | 24.2                                   | ERATIO 1.2                                | B TLD 4                     | .1% VA                     | LUE<br>NE               |
|-----------------------------|------------------------|------------------------|------------------|--------------|------------------|--------------------------------------|---------------------------------------|---|---|--|---|-----------------------------|----------------------------|-------------------------|
| 1.5                         | RA                     | NKS:                   |                  | 18           | .73<br>.89       | 29.94                                | 21.73<br>15.77                        | 21.81   | 23.47                                   | 20.50                                  | 28.24                                     | 19.83                       | 17.91                      | 18.00 High<br>16 16 Low |
| PERFO                       | RMANC                  | e 2 (                  | Above            |              | LEGI             | ENDS                                 |                                       |   |   |  |   | 12,00                       | 1 1.04                     |                         |
| Terhnic                     | al                     | 2                      | Above            | <u></u> 1    | 2 Mo<br>al Pr    | a Moy Avg<br>Ica Stranglin (1        | الالالم الم                           | <u> + + + + + + + + + + + + + + + + + + +</u> | ┝╌┯╅╘╧╧╧┪                               | authra er                              | _ <u></u>                                 |                             |                            | 18                      |
|                             | ен<br>                 | 5                      | Above            | 3-for-2      | spilt<br>solil   |                                      |                                       |   |   | <u> </u>                               | <b>├</b> ───                              | ill'                        | 11000 mm                   | <u> </u>                |
| SAPET                       | ¥<br>                  | <u> </u>               | Average          | Straded a    | na in            | icades recession                     | · · · ·                               |   |   | L                                      |   |                             | └                          |                         |
| BETA .                      | .75                    | (1,00 -                | = Markel)        |              |                  |                                      |                                       | · ···   |   |  |   |                             | 1.                         |                         |
| }                           |                        |                        |                  | 1576         | 1                |                                      |                                       |   |   |  |   |                             |                            |                         |
| Financia                    | l Strong               | in.                    | B+               |              |                  |                                      |                                       | ┞───~   |   | [                                      | <b>॑</b> <sub>┲╍┲┎</sub> ┎╧╼┎┙            |                             | <u> </u>                   |                         |
| Price SL                    | ebility                |                        | 85               |              |                  |                                      |                                       | Ļ   |   | <b></b>                                | <b> </b>                                  | ļ                           |                            | 2                       |
| Price Ge                    | welh Pe                | raistenc               | a 40             |              | 10               |                                      |                                       |   | 1                                       |  | l   | 1 1                         | lid                        |                         |
| Femine                      | • Dradie               | fahilihi               | 90               | 1.4.1        |                  |                                      |                                       |   |   |  |   |                             |                            | 900                     |
|                             | 5 F L 44494            | (many                  | aru -            |              | $\frac{1}{1}$    | alifiaa                              | maturit                               | hanna   | <b>)</b>                                | ₩₩₩ <del>₼</del>                       | ित्तातीयता                                | <del>hat])))))</del>        |                            | (thour.)                |
| OVALU                       | 2 LINB                 | PUBLISI                | BAG, INC.        | 2001         | 1                | 2002                                 | 2003                                  | 2004  | 2005                                    | 2006                                   | 2007                                      | 2008                        | 2009                       | 2010/2011               |
| SALES                       | PER SH                 |                        | ····             | 5,8          | 17               | 5,98                                 | B.12                                  | 6.25  | <b>B</b> ,44                            | 6.16                                   | 6.50                                      | 6.79                        | 6.75                       |                         |
| CASH CASH                   | FLOW"                  | PER SH                 |                  | 1.1          | 8                | 1.20                                 | 1.15                                  | 1.28  | 1.33                                    | 1.33                                   | 1.49                                      | 1.53                        | 1.40                       |                         |
| OWOS                        | GS PER                 | PER SH                 |                  | , c<br>. 6   | 12               | .73                                  | .65                                   | .73   | ./1                                     | 68                                     | .87                                       |                             | .72                        | NA/NA                   |
| CAPLS                       | PENDIN                 | O PER S                | SH               | 1.2          | 5                | 1.59                                 | 1.87                                  | 2.54  | 2.18                                    | 2.31                                   | 1.66                                      | 2.12                        | 1.49                       | ·····                   |
| BOOK                        | ALUEP                  | ER SH                  |                  | 7,1          | 7                | 7.39                                 | 7.80                                  | 8.38  | 8,60                                    | 9.82                                   | 10.05                                     | 10.28                       | 10.33                      |                         |
| AVG AN                      | N'L P/E                | RATIO                  | (mure)           | 24.0         |                  | 23.5                                 | 30.0                                  | 28,4  | 27.4                                    | 22.7                                   | 21.6                                      | 19.8                        | 21.0                       | NANA                    |
| RELAT                       | ve ple f               | OITA                   |                  | 1.2          | 6                | 1.28                                 | 1,71                                  | 1.39  | 1,45                                    | 1.23                                   | 1.16                                      | 1.19                        | 1.40                       |                         |
| AVG AN                      | N'L DIV                | D YIELO                | ·                | 3.8          | 1%<br>1          | 3.7%<br>81.0                         | 3.5%                                  | 3.4%  | 3.5%                                    | 3.7%                                   | 3.7%                                      | 4.0%                        | 4.7%                       | Bald Bauraa             |
| OPERAT                      | TING MA                | RGIN                   |                  | 47.2         | %                | 47.1%                                | 44.0%                                 | 44.4%   | 44.4%                                   | 47.4%                                  | 47.0%                                     | 46.9%                       | 42.6%                      | era conseñada           |
| DEPREC                      | CIATION                | (SMILL)                |                  | 5.3          |                  | 5.0                                  | 5.6                                   | 6.4   | 7.2                                     | 7.8                                    | 8.2                                       | 8.5                         | 9.2                        | earninge                |
| NET PR                      | TAY D                  | ALL)                   | ·                | 7.0          |                  | 7.8                                  | 6.8<br>32.8%                          | 8,4   | 8.5                                     | 10.0                                   | 11.8                                      | 12.2                        | 50.0                       | ) estimates             |
| NET PR                      | OFIT M                 | RGIN                   |                  | 11.7         | %                | 12.5%                                | 10.3%                                 | 11.9%   | 11.4%                                   | 12.4%                                  | 13.8%                                     | 13.4%                       | 10.9%                      | necent prices,          |
| WORKIN                      | IG ÇAP                 | i. (shei l             | 4                | d.9          |                  | <b>ຮ</b> ອ.3                         | d13.3                                 | d11.8   | d4.5                                    | 2.8                                    | d9.6                                      | d40.9                       | d38.6                      | P/E ratios.             |
| LONG-T                      | ERM DE<br>SUNY /S      | SBUT (SMI)<br>Mulli    | -1)              | 85,1         |                  | 67.5<br>60.6                         | 97.4<br>83.7                          | 115.3   | 128.2                                   | 130.7                                  | 131.6                                     | 118.2                       | 124.9                      |                         |
| RETURN                      | ON TO                  | TAL CAP                | PT.              | 5.6          | *                | 6.0%                                 | 5.0%                                  | 5.1%  | 5.0%                                    | 5.1%                                   | 5.5%                                      | 5.8%                        | 5.0%                       |                         |
| RETUR                       | ON SH                  | R. EQUI                | <u>tr</u>        | 9.1          | %                | 9,6%                                 | 7.9%                                  | 8.5%  | 8.2%                                    | 7.5%                                   | 8.6%                                      | 8.6%                        | 7.0%                       | 1                       |
| ALL ON                      | "DS TO                 | NET PRO                | 0F               | <br>94%      | 174              | 87%                                  | 106%                                  | 90%   | .3%<br>94%                              | 84%                                    | 79%                                       | 78%                         | 98%                        |                         |
| Note: N                     | o analiya              | t estima               | tes aveilab      | la.          |                  |                                      | ·                                     |   | ·                                       |  |   | <u> </u>                    | <u> </u>                   |                         |
| · [                         |                        | ANNUAL                 | RATES            |              | -                | ASSETS (Sm                           | 1111 20                               | 17 2005                                       | 12/3100                                 | 1                                      | indu 👘                                    | STRY: Wa                    | ter Utility                |                         |
| of chan                     | ga (per :              | uhare)                 | 5 Yrs.           | 11           | T.,              | Cash Assels                          |                                       | 2.0 3.3                                       | 4.3                                     | 1                                      | <u></u>                                   | <u> </u>                    | -1638-16_62333             |                         |
| "Cash 1                     | Flow*                  |                        | 4.0%             | -8.9         | 5%               | Receivablas<br>  Invantory (Au       | 12<br>(12 cost)                       | 2.8 14.3<br>1.2 1.5                           | 10.6                                    | BUSINES                                | S: Middle                                 | sex Water                   | Company<br>lated water     | engages in the          |
| Earning                     | 13<br>63               |                        | 3.5%             | -19.(<br>1.! | 0%<br>5%         | Other                                |                                       | 14 15   | 5.5                                     | in New Je                              | rsev (NJ) a                               | nd Delawa                   | nation water               | equiated waste-         |
| Book V                      | Alue                   |                        | 5.5%             | 0,0          | 5 %              | Current Asse                         | ls 1)                                 | 7.4 20.6                                      | 22.0                                    | water utilit                           | y in NJ. It o                             | offers contra               | act operatio               | ns services and         |
| Fiscal                      | QU/                    | RTERLY                 | SALES (\$        | mi(1.)       | Fall             | Property, Pla                        | nt :                                  |   |   | a service                              | line mainte                               | nance prog                  | ram throug                 | h its nonregu-          |
| Year                        | 10                     | 202                    | 39               | 40           | Year             | Acount Depri                         | iciation 64                           | 1.7 70.5                                      | 77.1                                    | lated subs                             | idiary, Util                              | ity Service                 | distributer.               | inc. its water          |
| 12/31/07                    | 19.0                   | 21.8                   | 24.1             | 21,2         | 85.1             | Net Property                         | 333                                   | 3.9 366.3<br>14 53.1                          | 376.5                                   | dential, co                            | ommercial.                                | industrial.                 | and fire o                 | revention pur-          |
| 12/31/09                    | 20.8                   | 23.1                   | 28.5             | 22.0         | 91.2             | Total Assets                         | 390                                   | 2.7 440.0                                     | 458.1                                   | poses. It a                            | lso provide                               | a water tre                 | eatment and                | pumping ser-            |
| 12/31/10                    | <u> </u>               |                        |                  |              |                  |                                      | (Sestil.)                             |   | I                                       | vices to the                           | he Townshi                                | p of East                   | Brunswick                  | . Its other NJ          |
| Fiscal                      | E/                     | RNINGS                 | PER SHA          | RE           | Full             | Accia Payate                         | 6 {                                   | 3.5 5.7                                       | 4.3                                     | in Souther                             | a Direi wate                              | a and waste<br>ashin. The T | Swater servi<br>Selaware w | baidiaries pro-         |
| 12/31/08                    | .15                    |                        | .28              | -14          | .8?              | Other                                | 1                                     | 1.0 43,9<br>1.5 <u>11.</u> 9                  | 46.6<br>9.8                             | vide water                             | services to                               | retail custo                | mers in Ne                 | w Castle, Kent,         |
| 12/31/07                    | .13                    | .24                    | 31               | .19          | .67              | Current Liab                         | 27                                    | 7.0 81.5                                      | 60,7                                    | and Sussex                             | counties. I                               | n March, th                 | e company                  | entered into an         |
| 12/31/08                    | .15                    | .26                    | .35              | .13          | .89<br>72        |                                      |                                       |   |   | agreement                              | to purchase                               | Montague                    | Water Con                  | opany, Inc. and         |
| 12/31/10                    |                        |                        |                  |              |                  | LONG TERM                            | DEBT AND E                            | ידועם   | ł                                       | man: J. Rie                            | chard Tomn                                | kins, Adda                  | ess: 1500 R                | onson Rd. P.O.          |
| Cal-                        | QUAP                   | TERLY C                | WIDENDS          | PAID         | Fuil             | as of 12/3                           | LU3                                   |   | 4                                       | BOX 1500                               | , Iselin, NJ                              | 08830. Te                   | 1.: 732-634                | 1500. Internet:         |
| repue                       | 10                     | 20                     | 30               | 40           | Yşar             | Total Debt \$                        | 171.5 mill.                           | Dua In 5 Yes.                                 | \$63,0 mil).                            | http://www                             | .middlesex                                | water.com.                  |                            |                         |
| 2007<br>2008                | .173                   | .173                   | .173             | .175<br>.178 | .69<br>.70       | Including Co                         | p. Lesses Non                         | e   |   | •                                      |   |                             |                            | W T                     |
| 2009                        | .178                   | 178                    | .178             | .18          | .71              | Leases, Unc                          | apitalized Ann                        | (471)<br>Jugi rentaža Novi                    | e of Capity                             |  |   | 1                           | 010                        | ~~~~~                   |
| 2010                        | .19                    |                        |                  |              |                  | Pension Flat                         | silibe \$75.7 mill                    | in 109 ve 525 6                               | milia 100 -                             |  |   | April 23, 2                 | 010                        | <u> </u>                |
|                             | MSTI                   | UTIONA                 | L DECISIO        | NS           | -                | NA CrL Pr                            |                                       | DIA MAJA A                                    | 46.8.2                                  | TOTAL SH                               | IAREHOLD                                  | ER RETUR                    | N                          |                         |
| b Burv                      |                        | 2Q'09<br>41            | 30,08<br>30      | 40'          | 09<br>2          | F10 91021 33,                        | 4 13958.                              | Pria Miria Pr<br>()                           | N of Capil)                             |  |   | Dividend                    | 13 plus apprecia           | Uan as al 3/31/2010     |
| to Sel                      |                        | 33                     | 28               | 2            | 0                | Continues Stor                       | c): 13,519.000 sh                     | ares  |   | 3 Mos.                                 | 6 Mos.                                    | 1 Yr.                       | 3 Yre                      | 5 Yrs,                  |
| Hid s(0                     | 00)                    | 4902                   | 4958             | 484          | 6                |                                      |                                       | (52   | % of Cap'l)                             | -2.18%                                 | 15.58%                                    | 24.13%                      | 5.05                       | 6 13.25%                |
| - 42010 V/21.4<br>THE PURCH | e Lina Pu<br>Shfr is n | orshing in<br>Ot respe | IC. All rights ( | eseived, F.  | actual<br>Orrs ( | itudo al Isinanum.<br>H 2NOA22840 SK | ven irom sources<br>EREW, This mobile | believed to be a<br>sticily is sticily is     | esable and it pro<br>'subscriber's even | valed wähour, war<br>. Nan-constancial | namiers of any ble<br>Internal use. He ca | To subs                     | crihe call                 | 1-800-833-9046.         |

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| SJW                | 100                       | )RP.                    | NYSE-              | SM                 |                 |                             | RE                          | CENT 27.                | 27 TRALIE                        | § 33.7                  | ELAINE 1.7                  | 7 YLP 2   | .5% YA                      | LUE<br>NE                     |
|--------------------|---------------------------|-------------------------|--------------------|--------------------|-----------------|-----------------------------|-----------------------------|-------------------------|----------------------------------|-------------------------|-----------------------------|---|-----------------------------|-------------------------------|
|                    | R                         | NKS-                    |                    |                    | 7.83            | 15.07<br>12.67              | 14.95                       | 19.64                   | 27.80                            | 45.33                   | 43.00 27.65                 | 35.11<br>20.05                                  | 30.44                       | 27.60 Higi<br>21.60 Law       |
| PERFO              | RMANC                     | Е З /                   | lvarage            | <b></b>            | LEGE            | NOS                         |                             | L                       | <b> </b>                         | +                       |                             | · · ·   | Ļ                           | 45                            |
| Technic            | al                        | 3 /                     | lvivage            |                    | 12 Mo<br>Rei Pr | ice Sirengin                |                             | L                       | L                                | +H                      |                             | more  | <u> </u>                    |                               |
| SAFET              | Y                         | 3 /                     | lyange .           | 2-101-             | spit            | 3/08                        | ┠─────                      |                         |                                  |                         |                             | <u> - ""   </u>                                 | n hhum                      | 22.5                          |
| BETA .             | .95                       | (1,00 =                 | Market)            |                    |                 |                             |                             | 1"hump                  |                                  | +                       | +                           | }.<br>  |                             | 13                            |
|                    | <u> </u>                  | <u> </u>                |                    | - 5                |                 |                             | [                           |                         |                                  | +                       | <u> </u>                    |   |                             | 9                             |
| Financia           | l Stren                   | yth                     | B+                 |                    |                 |                             |                             | <u>}</u>                |                                  | ┥                       | <u>+</u>                    |   | <u> </u>                    | ·6                            |
| Price St           | ability                   |                         | 65                 |                    |                 |                             |                             |                         |                                  | 1                       | 1                           | <u> </u>  |                             |                               |
| Price Gr           | nowth P                   | efalatence              | <b>a</b> 75        |                    | с.<br>С         |                             |                             |                         |                                  |                         |                             |   |                             | 2100                          |
| Eaming             | s Predi                   | ciability               | 85                 |                    |                 |                             |                             |                         |                                  |                         |                             |   |                             | VOL                           |
| O VALU             | B LINE                    | PUBLISH                 | ING, INC.          | 200                | 19<br>19        | 2002                        | 2003                        | 2004                    | 2005                             | 2006                    | 2007                        | 2008  | 2009                        | 2010/2011                     |
| SALES              | PER SH                    |                         |                    | 7.                 | 45              | 7.97                        | 8.20                        | 9.14                    | 9.86                             | 10.35                   | 11.25                       | 12.12   | 11.68                       |                               |
| EARNIN             | FLOW<br>'OS PEI           | PER SH<br>SH            |                    | ] 1                | .49<br>.77      | 1.55<br>.78                 | 1.75<br>.91                 | 1.89                    | 2.21                             | 2.38                    | 2.30                        | 1.08  | 2.21                        | 1.04 A.B/1.13 C               |
| DIVOS              | DECL'D                    | PER SH                  |                    | <u> </u>           | 43              | .46                         | .49                         | .51                     | .53                              | .57                     | .61                         | .65   | .66                         |                               |
| SOOK V             | IPENDI<br>ALUE I          | ng per s<br>Per sh      | H                  | 2.                 | .63 (<br>.17    | 2.08                        | 9.41<br>9.11                | 2,31                    | 2.83                             | 3.87                    | 6.62                        | 3,79  | 3.17                        |                               |
| COMMO              | N SHS                     | OUTST'O                 | (11)(1)            | 18,                | .27             | 18.27                       | 18.27                       | 18.27                   | 18.27                            | 18.28                   | 18.38                       | 18.18   | 18.50                       |                               |
| RELATIN            | n'l p/e<br>Ve p/e i       | RATIO<br>RATIO          |                    | 18.                | 5<br>95         | 17.3                        | 15.4                        | 19.6                    | 19.7                             | 23.5                    | 33.4                        | 28.2  | 28.7                        | 28.2/24.1                     |
| AVG AN             | N'L DIV                   | D YIELO                 |                    | 3                  | 0%              | 3.4%                        | 3.5%                        | 3.0%                    | 2.4%                             | 2.0%                    | 1.7%                        | 2.3%  | 2.8%                        |                               |
| OPERAT             | (\$mill)<br>Dng Nj        | RGIN                    |                    | 136.<br>64.        | 4%              | 145.7<br>63.7%              | 149,7                       | 165.9<br>58.4%          | 180.1                            | 189.2                   | 205.6                       | 42,4%   | 218.1                       | Bold figures                  |
| DEPREC             | CIATION                   | (\$MILL)                |                    | 13.                | 2               | 14.0                        | 15.2                        | 18.5                    | 19.7                             | 21.3                    | 22.9                        | 24.0  | 25.6                        | earnings                      |
| INET PR            | <u>ofit (ş</u><br>E tax r | MILL)                   |                    | 14.<br>34.         | .0<br>.5%       | 14.2                        | 16.7                        | 42.1%                   | 20.7                             | 40.8%                   | 19.3                        | 20.2  | 40.4%                       | estimates<br>and, using the   |
| NET PR             | OFTT M                    | ARGIN                   |                    | 10.                | 3%              | 9.6%                        | 11.2%                       | 9.6%                    | 11.5%                            | 11.7%                   | 9.4%                        | 8.2%  | 7.0%                        | recent prices,                |
| LONG-T             | ig cap<br>'Erni di        | "L (SMDL)L<br>Ebt (Lmil | ;<br>.L)           | 03.<br>110.        | .8<br>0         | 04.9<br>110.0               | 12.0                        | 13.0                    | 10.8                             | 153.6                   | d1.4<br>216.3               | d11.3<br>216.6                                  | 246.9                       | P/E ratios.                   |
| SHR. EC            | uny (                     | EMILL)                  | ,<br>              | 149.               | 4               | 153.5                       | 165.4                       | 184.7                   | 195.9                            | 228.2                   | 238.9                       | 254.3   | 252.8                       | 1                             |
| RETURN             | ion to<br>Non Si          | ital cap<br>Ir. Ecuit   | יינ<br>רץ          | 6.                 | .7%.<br>4%      | 6.9%<br>9.3%                | 6.9%<br>10.0%               | 6.5%<br>6.7%            | 7.6%                             | 9.7%                    | 5.7%                        | 5.8%  | 6.0%                        |                               |
| RETAIN             | EDTO                      | COM EQ                  |                    | 4,                 | 1% .            | 3.8%                        | 4.7%                        | 3.8%                    | 5.6%                             | 5.2%                    | 3.5%                        | 3.3%  | 1.2%                        | {                             |
| ALL DIV            | DS TO                     | NET PRO                 | 70<br>101 Jun - 70 | { 55%<br>ast 10 de | ya: 0 u         | DY%                         | 53%<br>68703 5-veat 64      | 58%<br>minas orowih no  | 47%<br>avoitable. <sup>B</sup> B | 46%                     | 1 57%                       | Based yoon 24                                   | 00%                         | [                             |
| <u> </u>           |                           | ANNUAL                  | RATES              |                    |                 |                             |                             |                         | 40734/40                         |                         |                             | ISTRY: Wa                                       | ier Utility                 |                               |
| of chary           | ga (per                   | (mena                   | S Yrs,             | 1                  | Yr,             | Cesh Assels                 | malj zu                     | 2.4 3.4                 | 12/3 (10)                        |                         |                             | <u>an an a</u> |                             | <u>57,28,27,7,26,27,77,72</u> |
| Cash f             | Flow'                     |                         | 5.0%               | -2                 | 5%              | Receivables<br>Inventory    | 2.                          | 3.0 24.5<br>.8 .9       | 23.3<br>1.0                      | BUSINE                  | ss: sjw.u<br>n the modu     | ction. purel                                    | , through i<br>base istorac | ts subsidiantes,              |
| Earning<br>Dividen | da.                       |                         | 3.0%<br>5.5%       | -25                | 1.5%            | Olher<br>Current Ann        |                             | <u>54 32</u>            | 2.3                              | distributio             | on, and retai               | il sale of v                                    | rster. The                  | ompany offers                 |
| Book V             | alue                      |                         | 8.0%               |                    | .5%             |                             | ila 9                       | 1.0 02.0                | 20.0                             | nonregula               | ited water-re               | lated servic                                    | es, includin                | g water system                |
| Fiscal             | QU                        | RTERLY :                | SALES (\$          | mill)              | Full            | Property, Pla               | nt<br>alcosi 904            | 4.3 958.7               | 1020.7                           | services.               | s, cash ren<br>SIW also ov  | munices, a                                      | loped land:                 | a 70% limited                 |
| 12/31/07           | 39.0                      | 65.1                    | 64.9               | 47.6               | 208.6           | Accum Depr<br>Nel Property  | ectation 251<br>641         | 8.8 274.5<br>5.5 684.2  | 302.2<br>718.5                   | partnershi              | p interest in               | 444 West S                                      | anta Clara                  | Street, L.P.; and             |
| 12/31/08           | 41,3                      | 60.0                    | 69.5               | 49.5               | 226.3           | Other                       | 9                           | 0.2 134.7               | 132.0                            | operates o              | commercial  <br>Blorida Ten | buildings in                                    | i Arizona, C<br>I Texas As  | California, Con-              |
| 12/31/109          | 40.0                      | 246                     | 03.3               | 40.0               | 216.1           | 1008 45368                  | 101                         | 1.5 600.9               | 6/10.0                           | 30, 2009,               | SIW prov                    | ided water                                      | service to                  | approximately                 |
| Fiscal             | E                         | RNINGS                  | PER SHA            | RE                 | Full            | Accts Payab                 | (3milt.)<br>e 9             | 9.3 5.8                 | 6.6                              | 226,000                 | connections                 | that served                                     | a populati                  | on of approxi-                |
| Yest               | 10                        | 20                      | 30                 | 40                 | Year            | Debt Dua<br>Other           | 11                          | 5.6 19.1<br>8.1 18.4    | 8.9<br>18.5                      | matery or<br>provides v | vater service               | eopic in t                                      | imately 8.7                 | to alea. It also              |
| 12/31/08           | .14                       | .15                     | .43                | ,20                | 1.04            | Current Liab                | 3                           | 3.0 43.3                | 32.0                             | that serve              | approximat                  | ely 36,000                                      | residents ir                | a service area                |
| 12/31/08           | .15                       | .34<br>.23              | .44<br>.43         | .15                | 1,08<br>.81     |                             |                             |                         | 4                                | in the reg              | ion between<br>overs Chai   | San Antor<br>man: Cha                           | io and Aus                  | tin, Texas. Has               |
| 12/31/10           | .05                       | .26                     | .48                |                    |                 | LONG TERM                   | DEBT AND E                  | QUITY                   |                                  | CA. Addi                | ess: 110 W.                 | Taylor St                                       | reet, San Jo                | se, CA 95110.                 |
| Cel-<br>ender      | QUAF<br>1Q                | TERLY O                 | WIDENDS<br>3Q      | PAID 4Q            | Full<br>Yezr    | Tolal Dabi S                | 253.8 mäl                   | Due in 5 Yrs            | \$21.5 mil                       | Tel.: (408              | ) 279-7800.                 | Internet: h                                     | ttp://www.s                 | jwater.com.                   |
| 2007               | 151                       | .151                    | .151               | .151               | .60             | LT Debt \$24<br>Including C | 5.9 mill.<br>ID. Leases Not | 19                      |                                  |                         |                             |   |                             | 17/ <b>T</b>                  |
| 2008               | .161                      | .161<br>.165            | .165               | .181<br>.165       | .04<br>,68      | Leases, Und                 | apitalized Ann              | (49)<br>Ual rentals Nor | ad Cap1)<br>19                   |                         |                             | April 32 -                                      | 010                         | W.1.                          |
| 2010               |                           |                         |                    |                    | L               | Pension Lia                 | bility \$47.5 mill.         | in 109 va. \$42.3       | nallin Ve                        |                         |                             | APTIL 23, A                                     |                             |                               |
|                    | INSTI                     | 20%4                    | L DECISIO<br>30104 | NS<br>⊿r           | 2'09            | Pid Stock No                | ne .                        | Pid Olvid               | Pald Nona                        | TOTAL S                 | HAREHOLD                    | ER RETUR  | lN<br>Is plus eporecia      | iion <b>es</b> of 3/31/2010   |
| to Buy             |                           | 43                      | 34                 |                    | 43              | Cemmon Sto                  | ck 18,499,602 sl            | lanes                   |                                  | 3 Mos,                  | 6 Mos.                      | 1 Yr.   | 3 Yrs                       | . 5 Yre,                      |
| io Sel<br>Hid's(Od | 00)                       | 40<br>6694              | 25<br>8607         | 88                 | 27              |                             |                             | (51                     | ≸ of Cup¶                        | 13.50%                  | 12.94%                      | 3,07%   | -32.38                      | % 62.58%                      |
|                    | _                         |                         |                    |                    |                 |                             |                             |                         |                                  |                         |                             |   |                             |                               |

oratio value (see Producting Inc. 81 deter responde Faculta nuclear de los sources) balende los materials en matteria en al la provided without vanarativa et art bad. THE PUBLISHER IS NOT RESPONSIBLE FOR ANY EMPORTS ON ORRESSONS HEREIN. The polarization is statistical or an one-competical internations. No port of a may to produce, wasd, source at anarative in any princed descarative or material as materials any princed descarative or polarization or source and the provided without vance in polarization and the polarization of any total descarative or polarization of any total descarative or polarization of any total descarative or polarization of materials and princed descarative or polarization and the polarization of the state of polarization of the state of



| <u>SO</u>               | JTI                | IWES                      | <u>ST W</u>              | ATE                       | RNDO                      | 2-5440                      | ;                        | ecent<br>Rice               | 10.4                  | 8 PATE              | o <b>45</b> .   | 6 (1820)<br>Made              | ng: 67.3<br>an: 29.0) | RELATIV<br>PÆ RATI | <u>5</u> 2.5         |                      | 1.9                 | )%                    |                            | Ξ                   | _              |
|-------------------------|--------------------|---------------------------|--------------------------|---------------------------|---------------------------|-----------------------------|--------------------------|-----------------------------|-----------------------|---------------------|---|-------------------------------|-----------------------|--------------------|----------------------|----------------------|---------------------|-----------------------|----------------------------|---------------------|----------------|
| TIMELIN                 | ÆSS                | - Sespera                 | des 31,210               | High:<br>Low;             | <del>9</del> .2<br>3,6    | 8.3<br>5.1                  | 10.2<br>6.9              | 12.4<br>7.6                 | 11.2<br>8.1           | 14,3<br>10,3        | 15.2<br>9.0   | 19.1<br>10.8                  | 16,4<br>11.5          | 13.4               | 6.3<br>3.1           | 10.7<br>5.6          |                     | F                     | Target                     | Price               | Range          |
| SAFETY                  | 1                  | 4 New 10                  | 7209                     | LECE                      | VDS<br>90 z Divide        | edt p sh                    |                          | L                           | L                     |                     | <b></b>   | L                             |                       | ŀ                  | L                    |                      | L                   | L                     |                            |                     | 12             |
| BETA 1                  | ndan.<br>Marind    | - Suspend<br>20 = Markeli | 960 XI B 10 .            | 5-for-4 50                | istre Pic<br>it 10/98     | a Strength                  | 200                      | <u> </u>                    | <u> </u>              | for 1               | <u> </u>  | <u> </u>                      | <u> </u>              | ┠                  | <u> </u>             |                      | <u> </u>            | ┟───                  | <u>}</u>                   | Ì                   | 134            |
| 201                     | 3-15 P             | ROJECT                    | ONS                      | 340-250<br>5-107-450      | 10799<br>10101            |                             |                          |                             |                       |                     |   |                               | 1.1                   | $\mathbf{F}$       |                      |                      |                     | <u> </u>              |                            |                     | <b>F</b> 16    |
| l<br>Jänh               | Price              | 6ain<br>70%               |                          | Opens.                    | Na<br>arej: prio          | recession                   |                          |                             |                       | المحدر              | 1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1 |                               | 1                     | heed been the      | 52                   | 1                    | h                   | <u> </u>              | <u></u>                    | <u> </u>            | 13             |
| Low                     | <u>{</u> {         | 5%                        | 4%                       | Laiest ret                | tession be                | 9an 12/07<br>Th.ThP12       |                          | <u>f</u>                    | 1                     |                     |   |                               |                       |                    |                      | 1                    |                     | 1                     |                            | <u> </u>            |                |
|                         | M 1                | JABO                      | NOJ                      |                           | her.                      |                             |                          |                             | 1.4 .<br>             |                     |   | . –                           |                       |                    | 1 mul                | [                    |                     |                       |                            |                     | Ľ              |
| Options<br>In Sell      | 00                 |                           | 000                      |                           |                           | <u></u>                     |                          |                             | <b> </b>              |                     | [ 4, 19 <sup>4</sup>  | <u> </u>                      |                       |                    | <u> </u>             | <b>—</b> —           |                     | [                     |                            | Г                   | -3             |
| Institu                 | tiona              | Decisio                   | ns                       | 1 1                       |                           |                             | 國                        | ļ                           | ĺ                     |                     | ļ   | 1.1                           |                       |                    |                      |                      | Į                   | 1 × 10                | T. RETUR                   | N JITU<br>N ARTH    | l              |
| :27                     | 4                  | 2 42                      | 36                       | Percent                   | 15<br>10                  |                             | 144-22                   |                             | <u> </u>              | 1                   | e. dli  | il IIII III IIII              |                       | . m.ti             | 10                   |                      |                     | 1 yr.<br>1 3 yr.      | 148.4                      | 91.1<br>7.5         | Ē              |
| 1094                    | 1110               | 7 10401<br>5 1 1 9 9 R    | 10872                    | 1998                      | 1499                      | 2000                        | 2001                     |                             | 2003                  | 2004                | 2005  | 2006                          | 2007                  | 2008               | 2009                 | 2010                 | 2011                | 5 yr.                 | 9.8<br>IF LIVE PI          | 42.8<br>19 W.C.I    | <del>[</del>   |
| 4.20                    | 4.8                | 4 5.31                    | 5.61                     | 5.63                      | 6.16                      | 7.49                        | 8.15                     | 9.12                        | 10.70                 | 9.23                | 9.10  | 9.42                          | 6.95                  | 8.87               | 8.58                 | 4.85                 | 9.40                | Revenue               | is per sh                  | 10-1100             | 12.00          |
| 38                      |                    | 4 .48                     | .53                      | .59                       | .65<br>31                 | .76                         | .87<br>42                | .88<br>79                   | .91                   | .07<br>21           | .78   | .85                           | ) <u>1</u> 53<br>11   | ) .65<br>04        | n                    | .85                  | 1,00                | "Cash P               | low" per a                 | ip J                | 1,50<br>70     |
| .08                     | 0                  | 8 .09                     | .09                      | .10                       | .11                       | .13                         | .14                      | .15                         | .16                   | .18                 | 20  | 21                            | .23                   | 24                 | .13                  | .20                  | .20                 | OIV d De              | ct d par s                 | h 🛤 💧               | .20            |
| .72                     | 2.                 | 4 95<br>5 2.40            | 2.52                     | .79<br>2.70               | .53<br>3.05               | 3.44                        | 1,06<br>3,84             | 1.76<br>4.27                | 1,14<br>4,99          | 1.26<br>6.17        | 1.66<br>6.49  | 1.87<br>6.98                  | 1,70<br>6.54          | 1.35               | 4.66                 | 1.75<br>4.70         | 1,85                | Cep't Sp<br>Book Va   | endiag pi<br>fue per si    | ursh (<br>p         | 2,00<br>5,95   |
| 12.13                   | 11.7               | 4 12.45                   | 12.55                    | 12.83                     | 13.12                     | 13.99                       | 14.57                    | 14.35                       | 16.17                 | 20.36               | 22.33   | 23.80                         | 24.27                 | 24.90              | 24.60                | 24.80                | 25.00               | Commo                 | n Sha Oni                  | si'g C              | 25.60          |
| 22.3                    | 14.<br>1.,9        | 6 10.5<br>8 1.03          | 15.9                     | .89                       | 19,6                      | 1.11                        | 1.01                     | 1.35                        | 1.21                  | NME                 | 1,29  | 34.8<br>1.88                  | 2.73                  | NMF                | 2.01                 | Bold fige<br>Value   | tits e/0<br>Line    | Relative              | PIE RALIO<br>PIE RALIO     |                     | 20,0<br>1,35   |
| 4.2%                    | 4,79               | 4 3.4%                    | 2.7%                     | 2.3%                      | 1.8%                      | 2.0%                        | 1.7%                     | 1.5%                        | 1,7%                  | 1.5%                | 1.6%  | 1.5%                          | 1,6%                  | 2.4%               | 2.5%                 | esila                | (2502               | Avg And               | 'i Div'd Yi                | eld                 | 2.0%           |
| CAPITA                  | L STR<br>ebt \$1   | UCTURE:<br>15.0 mil.      | as of 12/3<br>Due in 6 1 | 11/09<br>Yes \$155.       | 0 mill.                   | 104.7<br>5.4                | 115.5                    | 130.0                       | 173.0                 | 168.0               | 209.2   | 224.2                         | 217.3                 | 220.9              | 211.1                | 220<br>6.2           | 235                 | (Revenue<br>Kal Prof  | va (SneDV)<br>K (SneDV)    |                     | J00<br>17.5    |
| LT Debi<br>I (Total in  | t \$152.<br>Jerost | 8 mil.  <br>coverano:     | LT Interes<br>2.7x1      | ni \$9,0 mi<br>(48% o     | 1).<br>( Cao1) - I        | 37.0%                       | 36.0%                    | 34,9%                       | 35.9%                 | 36.1%               | 36.0%   | 35.0%                         | 56.0%                 | 56.0%              | NMF                  | NUS                  | 39.0%               | income                | Tax Rate                   |                     | 39.0%          |
| Lassas                  | Unca               | niialized:                | Annual re                | ntaix \$5.5               | mil.                      | 48.8%                       | 14.4%<br>51.4%           | <u>3.2%</u><br>56.7%        | 47.9%                 | 47.9%               | 44.7%   | 43.6%                         | 47.7%                 | 62.6%              | 61.1%                | 9.1%<br>69.5%        | 57.2%               | Long Te               | na Debi R                  | tatio               | 3.6%<br>50.1%  |
| Pensior                 | n Llabi            | illy None                 |                          |                           |                           | 50.7%                       | 48.2%                    | 42.9%                       | 51.8%                 | 52.0%               | 55.1%   | 58.3%                         | 52.1%                 | 37.2%              | 38.9%                | 40.5%                | 42.8%               | Commo                 | Equity R                   | iatio               | 49.9%          |
| Pfd Sta                 | ck \$.4            | 58 mil.                   | Pid Div'd                | \$.020 mi                 | <b>i</b> .                | 95.0<br>157.8               | 171.1                    | 203.9                       | 218.5                 | 302.6               | 344.8   | 389.6                         | 417.9                 | 429.3              | 469.0                | 402                  | 400                 | Net Plan              | piccu (gene<br>it (\$miti) | **                  | 450            |
| as of 21                | 25/10              | #C 29,699,                | 218 515.                 |                           |                           | 7.8%                        | 7.8%                     | 5.8%                        | 8.2%                  | 3.1%                | 4.1%  | 4.5%                          | 2.9%                  | 1.8%               | 3.1%                 | 4.0%                 | 5.0%                | Retara                | n Total C                  | 101                 | <u>1.5%</u>    |
| MARKE                   | T CAS              | ): §250 mil               | llion (Smi               | all Cap)                  |                           | 11.5%                       | 11.4%                    | 9,7%                        | <u>9.1%</u>           | 3.6%                | 5.0%  | 5.5%                          | 32%                   | .8%                | .8%                  | 1.0%                 | 3.0%                | Return c              | in Com Ed                  | ulty                | 4.5%           |
| CURRE                   | NT PO<br>LL)       | SITION                    | 2007                     | 2008 1                    | 2/31/09                   | 7.8%                        | 7.8%                     | 6.3%                        | 5.6%                  | .8%<br>28%          | 2.1%  | 2.6%                          | NMF<br>1124           | NMF                | .8%<br>78%           | 1.0%<br>80%          | 3.0%                | Retained              | to Com I<br>Is In Net 9    | Eq                  | 8.5%<br>2012   |
| Cash A                  | ssels<br>ables     |                           | 2.9<br>26.0              | 1.1<br>29.7               | 2.9<br>27.0               | BUSIN                       | ESS: So                  | u'hWest '                   | Water Co              | mpany p             | novides (   | i beged ri                    | ande of               | regulate           | d public             | water u              | Willias In          | Californi             | a. Alaba                   | ma, Qikiz           | ahoma,         |
| Other                   | ry (Av             | /g Csl)<br>               | 32.7                     | 26,9                      | 12.5                      | service                     | s includ                 | ng wate                     | r produc<br>vi ireain | tion, trea          | avneni s<br>Iv biling   | nd distri<br>and col          | iburiion;<br>lection: | and Tex            | cas, O&M             | l and Ye<br>hasis. O | xas MUC<br>Mores ar | Service               | s meiniei<br>na nwn A      | n projec<br>2% of c | ts on a        |
| Current<br>Accis P      | l Asse:<br>Payaba  | la<br>A                   | 61.6<br>14,9             | 57.7<br>16.1              | 42.8<br>14.1              | and ut                      | lity infra               | sincture.                   | il open               | les four            | groups.   | Utility, :                    | 32% of                | shares             | (4/09 pr             | xy). CE              | O/Chrmn             | : Mark S              | iwalek, li                 | nc.: DE.            | Addr.          |
| Debt Do<br>Othar        | 10                 | _                         | 1.9<br>29.4              | 2.2<br>28.4               | 2.2<br>21.2               | AUD S                       | ervices,                 | 34%. Uti                    | ity and T             | exas Utili          | ty <u>ol</u> vn a   | ns, 1074;<br>n <b>d</b> manay | je rate-              | CA 900             | 17. Tel:             | 213-929-             | 1800. Int           | emel: w               | 548. 290<br>W.SWWC         | com.                | ulines,        |
| Current                 | Liab.              | ES 8-1                    | 46.2                     | 46.7                      | 37.5                      | Sou                         | thWe                     | st Wa                       | ter C                 | ompa                | ny h  | as en                         | ter-                  | 2009               | Vers                 | us 20                | 108. E              | Botton                | n-line                     | impr                | OV8-           |
| of chang                | ic KAN<br>R (pers  | са ген<br>h) 1011т<br>с/  | L ΓΚ.<br>Ε 5Υί           | nt 10°<br>44              | 13-15                     | On 1                        | nto a<br>March           | n agi<br>2nd,               | the t                 | oard                | of dir  | ectors                        | reu.<br>: ap-         | econe              | . was<br>my, r       | reduce               | d con               | sump                  | tion b                     | ecaus               | aneo<br>a of   |
| "Cash I                 | Flow"              | 3.5                       | 5 - 3.<br>N 10           | 5% 11<br>0% 11            | 1.0%                      | prov                        | ed th                    | e pur                       | chase<br>rs for       | by a<br>Sila        | grou  | p of i<br>e nius              | nde-<br>: the         | wate<br>and        | r con<br>elevat      | serval<br>ed fix     | tion é<br>ed cos    | efforts<br>sts. Ti    | in C<br>ne Uti             | lalifo:<br>lities   | nia,<br>seg-   |
| Dividen<br>Book V       | ds<br>atua         | 9.9<br>9.0                | 5% B.<br>3% 7.           | 5%<br>0%                  | 2.0%<br>Nil               | assu                        | mptio                    | n of s                      | 152 r                 | nillior             | ılınd   | ebt. L                        | Jpon                  | ment               | was                  | also                 | hurt                | by the                | e sale                     | of of               | pera-          |
| Cal-                    | QU                 | ARTERLYR                  | EVENUES                  | (1 mill)                  | Fuli                      | appr                        | ovai<br>cies,            | or su<br>the co             | осклон<br>Склон       | oers<br>y woi       | ana a<br>Jid be   | regula<br>run                 | as a                  | made               | vinu<br>und          | ew M<br>ler th       | reat                | of co                 | er a s<br>ndem             | natior              | nent<br>n in   |
| endar<br>2007           | H81.3              | 1 Jun, 31                 | Sep. 30                  | Dec, 31<br>58.6           | Year<br>217.3             | priva                       | itely<br>ber a           | owne<br>Filoga              | d bu                  | sines               | s, Ho<br>re inv   | wever                         | ting                  | May,               | 2009<br>Tate (       | ). Loo<br>on.an      | sking<br>d bet      | ahead<br>Iom-li       | i, we                      | expe                | cta<br>vout    |
| 2008                    | 49                 | 6 56.                     | 60.4                     | 54.0                      | 220.9                     | if th                       | e boa                    | rd of                       | direct                | ors br              | eache   | d the                         | ir fi-                | to 20              | 13-20                | 15.                  |                     | .1                    |                            |                     |                |
| 2010                    | 52                 | 0 54/                     | 62.0                     | 52,0                      | 220                       | in t                        | ary d<br>heir            | uties<br>attem              | ana/o<br>pts te       | r vios<br>o sell    | etea s<br>the   | comp                          | iaws<br>any,          | haş                | been                 | susp                 | s rar<br>pende      | ik or<br>d đu         | e to                       | e sna<br>the        | 1res<br>p05-   |
| 2011<br>Cel-            | 55                 | EARNINGS                  | 7 00.0<br>PER SHAR       | 56.0<br>EA                | Z35<br>Full               | citin                       | g une                    | ertain                      | ties a<br>air re      | s to v<br>Dectio    | whethe  | r the                         | cur-                  | sible              | sale                 | of th<br>ntatic      |                     | npany<br>lects        | , But                      | our e               | arn-<br>uing   |
| endar                   | Mar.J              | 1 Jun. 30                 | Sep. 30                  | Dec. 31                   | Year                      | valu                        | e afte                   | rai                         | umbe                  | r of                | finan   | cial st                       | tate-                 | opera              | tion                 | of S                 | outhv               | Vest                  | asa                        | pub                 | liciy          |
| 2008                    | 0.04               | .09<br>.03                | d.02                     | .07                       | .01                       | ment<br>ing t               | ts had<br>prors          | 1 to b<br>, Inve            | e resi<br>stors       | ated<br>shoul       | due t<br>d noti   | o acco<br>e that              | unt-<br>the           | trade              | of a                 | price                | ne ai<br>decli      | orem<br>ne`if         | encion<br>the d            | ea po<br>leal b     | JSSI-<br>s re- |
| 2009                    | _03<br>_03         | .03<br>, <b>05</b>        | .05<br>.07               | .06<br>.08                | .17<br>,25                | stock                       |                          | urren                       | tly tr                | ading               | near  | the<br>ably                   | pur-                  | Jecter             | d, cou               | ipled                | with                | the                   | uncer                      | tainty              | y of<br>te of  |
| 2011                    | .07                | .08                       | .10                      | .10                       | .35                       | cons                        | iderat                   | ly if                       | the de                | eal fal             | lis th  | ough                          | (the                  | the v              | veake                | ned h                | iousin              | 8 wa                  | rket, a                    | adds                | con-           |
| ender                   | Mar.J              | 1 Jun 30                  | Sep.10                   | Dec.31                    | Full<br>Year              | since                       | ent pr<br>e our          | ice re<br>Janua             | presen<br>ry ren      | ntsa.<br>bort).     | nearly  | 7 70%                         | rise                  | sider<br>John      | able f<br>D. B       | isk.<br>Urke         |                     |                       | Apri                       | 1 23.               | 2010           |
| 2006                    | .05                | 2.05                      | 2 .052                   | 2.058                     | 21                        | Mea                         | nwhi                     | le, tł                      | ie co                 | mpar                | iy sh   | owed                          | an                    | CAS                | SH PO                | SITION               | I ,                 | 5-                    | Year Av's                  | 12/3                | 11/09          |
| 2008                    | .08                | 08                        |                          | .08                       | 24                        | prover                      | emer                     | rear-c<br>nt in             | 2009,                 | but i               | t has   | not f                         | ully                  | Cure               | nt Asseig<br>A Frank | to Oure              | int Labili          | ies:<br>Tine:         | 125%                       | 1                   | 8%             |
| 2009                    | .02<br>.05         | .uz:<br>.05               | J .U25                   | 6V. C                     | .13                       | reco                        | Vere                     | i fro                       | m ti<br>s dec         | te sh<br>lined      | harp  | drop                          | in.                   | Work               | ing Capit            | ai 10 Sele           |                     |                       | 5%                         |                     | 3%             |
| (A) Dibi                | ed ea              | (nings, E)                | ucturies n               | oniecuri                  | ng ueđ                    | oparation                   | n: 109, (7               | 40).                        |                       |                     | (D) Inclus  | ies intari                    | pibles, In            | 2009: \$1          | 9.4 millio           | n, Cor               | npany's             | Financia              | i Strangi                  | h                   | C++            |
| gains (loi<br>(23¢); '0 | 1985);<br>7, (546  | 00, (3¢); 1<br>7 00, (\$1 | 01, (5¢);<br>,35); '09,  | 02, 1¢; 0<br>(74¢), No    | 6, (В)<br>ха Арлі         | Dividends<br>, July, an     | historica<br>d Octobe    | uly paid i<br>H.            | in late Ja            | nuary,              | 30.79/shu<br>(E) Earn   | ke.<br>Ings mat               | א ואסרו א             | m to to            | lai due '            | lo Prix              | cx's Pric           | e Stabili<br>h Persis | lanca                      |                     | 45<br>35       |
| earnings                | report             | mid-May.                  | Excludes                 | t disconti<br>onis itserv | in-   (C)  <br>ed. Factur | in millions<br>I material ! | i, echuste<br>Is obuinei | citor spili<br>I tatan sava | is.<br>Ites believ    | 1)<br>1 10 10 10 10 | rounding.<br>etiable and  | i is provide                  | né wéshang            | wayacties          | ol any tir           | d Ear                | nanga Pr            | aciciabi              | ay<br>Ji a da              | 0.000               | 45             |

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| YOR                                   | IK W  | AT         | RC               |                        | )YC                | RW  | RE<br>PR  | CENT 13.             | 96 TRALIN                                     | 21.8 P  | LATINE 1.1          | 5 YLD 3       | .7% ¥A                    |  |  |
|---------------------------------------|---|------------|------------------|------------------------|--------------------|---|---|----------------------|---|---|---------------------|---------------|---------------------------|--|--|
|                                       | RA  | VICS .     |                  | 10                     | .22                | 13.45   | 13.49   | 14.03                | 17.87   | 20.99   | 18.55               | 18.50         | 17.95                     | 15.00 High                             |  |
| PERFO                                 | RMANCE  | : 3        | Average          | Ì                      | LEGI               | ENDS  | 0.00  | 11.44                | ''''  | 10.00   | 10.40               | 0.20          |                           | 10.041 - 04                            |  |
| Technic                               | 8   | 3          | Avarant          | l                      | l2 Mo<br>tei Pr    | ice Strength  | <del>,</del>                                    |                      | <u>                                      </u> | the section in  | <br>                |               |                           | 18                                     |  |
| SAFET                                 | ,   | 3          | Almetan          | 2-for-1<br>3-for-2     | apiz :<br>upit :   | 6/02<br>8/05  | ~ سابالي  | and a second second  | h <del>all<sup>1</sup></del>                  |   |                     |               |                           | Ti. 9                                  |  |
| DETA                                  |   |            |                  | Shated                 | ine in             |   | ·   |                      |   | · · · · ·   | <u></u>             |               | <u> </u>                  |  |  |
|                                       | ¢3  | (7.00      | # (Mantet)       | 回畿                     | 劉                  | •   |   | · · · · ·            |   | <u> </u>  | [                   |               |                           | 5                                      |  |
| <u> </u>                              |   |            |                  |                        |                    |   |   |                      |   |   |                     |               |                           | ·1                                     |  |
| Fittencia                             | l Streng  | 1h         | B+               |                        |                    |   |   |                      | {   | ╀────   |                     | <u>-</u>      | <u> </u>                  | 3                                      |  |
| Price St                              | ability   |            | 85               |                        |                    |   |   |                      |   |   |                     | ŀ             |                           | 2                                      |  |
| Price Gr                              | Price Growth Persistence 55   |            |                  |                        |                    | ·   |   |                      | 1   | <u> </u>  |                     |               |                           | l.t _                                  |  |
| Earning                               | Earnings Predictability 95  |            |                  |                        |                    |   |   |                      |   |   | Til Tue             |               |                           | 375<br>YOL                             |  |
| <b> </b>                              |   |            |                  |                        | ä i i              | تنلينيلس  | uillinii  | հուղյյող             | mma   |   |                     |               | TUDITU                    | (Unous,                                |  |
| O VALUE LINE PUBLISHING, INC.         |   |            |                  | 200                    | 1                  | 2002  | 2003  | 2004                 | 2005  | 2006  | 2007                | 2008          | 2009                      | 2010/2011                              |  |
| NEVENUES PER SH<br>"CASH FLOW" PER SH |   |            |                  | 2.0                    | 05<br>59 i         | 2.05  | 2.17  | 2.18                 | 2.58  | 2.56  | 2,79                | 2.69<br>AA    | 2.95                      |  |  |
| EARNIN                                | EARNINGS PER SH   |            |                  |                        | 43                 | .40   | .47   | .49                  | .58   | .58   | .57                 | .57           | .64                       | .68 ^.8/,72 G                          |  |
| DIV'D D                               | DIVO DECL'O PER SH  |            |                  |                        | 34                 | .35   | .37   | .39                  | .42   | .45   | .48                 | .49           | .51                       |  |  |
| BODK V                                | LOAPTL SPENDING PER SH  |            |                  |                        | 70  <br>79         | ,66<br>3.90   | 1.07  | 2.50                 | 4.85  | 5.84  | 1.69                | 6.14          | 6.92                      |  |  |
| COMMO                                 | COMMON SHS OUTST'G (MILL)   |            |                  |                        | 16                 | 9.55  | 9,63  | 10.33                | 10.40   | 11.20   | 11.27               | 11.37         | 12.58                     |  |  |
| AVG AN                                | AVG ANN'L PIE RATIO   |            |                  |                        | 9<br>              | 28.9  | 24.5  | 25.7                 | 26.3  | 31.2  | 30.3                | 24,6          | 21,9                      | 20,5/19.4                              |  |
| AVG AN                                | AVG ANN'L DW'D YIELD  |            |                  |                        | 3%. I              | 3,3%  | 3,2%  | 3,1%                 | 2,9%  | 2.5%  | 2.8%                | 3.5%          | 3.6%                      |  |  |
| REVENU                                | REVENUES (FMILL)  |            |                  |                        | 1                  | 19.6  | 20.9  | 22.5                 | 26.8  | 28.7  | 31.4                | 32,8          | 37.0                      | Bold Agures                            |  |
| NET PRO                               | NET PROFIT (SMILL)  |            |                  |                        |                    | 3.8   | 4.4   | 4.8                  | 5.8   | 6,1   | 6.4                 | 6,4           | 7.5                       | are consensus                          |  |
| AFUDC                                 | AFUDC % TO NET PROFIT   |            |                  |                        | 2%                 | 3.7%  |   | -                    | -   | 7.2%  | 3.6%                | 10.1%         |                           | esimeles                               |  |
| LONG-T                                | LONG-TERM DEBT RATIO  |            |                  |                        | 1%                 | 46,7%   | 43.4%   | 42.5%                | 44.1%   | 48.3%   | 46.5%               | 64.5%         | 45.7%                     | and, using the                         |  |
| TOTAL CAPITAL (SMILL)                 |   |            |                  | <u>52.</u><br>68       | 3%                 | <u>53,3%</u>  | <u>58.6%</u>                                    | 57.5%<br>83.6        | 55.9%<br>90.3                                 | <u> </u>  | <u> </u>            | 45.5%         | <u>54.3%</u>              | naceh(prices,                          |  |
| NET PLANT (SHILL)                     |   |            |                  | 102.                   | 3                  | 106.7   | 116.5   | 140.0                | 155.3   | 174.4   | 191.6               | 211.4         | 222.0                     |  |  |
| RETURN ON TOTAL CAP'L                 |   |            | 7.5              | 9%                     | 7.4%               | 8.5%  | 7.6%  | 8.4%                 | 6.2%  | 6,7%  | 5.7%                | 6.2%          |                           |  |  |
| RETURN                                | RETURN ON SHELEGUILTY   |            |                  | 11.                    | 67e<br>2%          | 10.2%   | 11.4%   | 10.0%                | 11.6%   | 9.3%  | 9.5%                | 9.2%          | 8.6%                      |  |  |
| RETAIN                                | RETAINED TO COM EQ  |            |                  | 2.                     | 5%                 | 1.3%  | 2.8%  | 2.1%                 | 3.0%  | 2.2%  | 1.7%                | 1.4%          | 1.9%                      |  |  |
| ALL DIV                               | ALL DIVIDS TO NET PROF  |            |                  | 78%                    |                    | 88%   | 77%   | 79%                  | 74%   | 17%   | 82%                 | 85%           | 78%                       |  |  |
| 1 WO. OF &                            | nayata cr   | anging (   | 12/81. #59. IA 1 | Mar 70 02)             | 3.00               | p, U down, Donsi<br>1                                     | MISUS D-YOU GAI                                 | naigs grown o.       | 775 per year. "I                              | aset upon 4 ena   | tysta estimalea.    | "Based upon 4 | analysin estima           | ea.<br>Table of the state of the state |  |
| ANNUAL RATES                          |   |            |                  | •                      | γ,                 | ASSETS (\$m   | al.) 20   | 07 2008              | 12/31/09                                      | INDUSTRT: Water Utility   |                     |               |                           |  |  |
| Revenues 6.0%                         |   |            | 2                | 0%                     | Receivables        |   | .0 .0<br>5.2 5.9                                | 5.4                  | BUSINES                                       | S: The Y  | ork Water           | Company       | engages in the            |  |  |
| Earning                               | Eamings 5.5%  |            |                  | 12                     | 12.5% Inventory (A |   | /g.cosi) .8 .7<br>                              |                      | 1.0   | impounding, purification, and distribution of water in York   |                     |               |                           |  |  |
| Dividen<br>Bonk Vi                    | Dividends 6.0%<br>Book Value 8.5%   |            |                  | 3.5% a                 |                    | Curreni Asseis  |   | <b>5.8 7.3 7.1</b>   |   | UCUNITY and Adams County, Pennsylvania. The company supplies water for residential commercial induction and |                     |               |                           |  |  |
| Flaced OllAPTERIY SALES I             |   |            |                  | tentit 1               | P.ull              | Property, Pla   | nì  |                      | ·   | other cust  | omers. It           | has two re    | servoirs, I               | Lake Williams.                         |  |
| Year 10 20 30                         |   |            |                  | 4Q                     | Year               | & Equip, a  | il cost 22                                      | 3.1 246.0            | 260.4   | which is 7  | 700 feet lo         | ng and 58     | feet high,                | and creates a                          |  |
| 12/31/07                              | 7.4   | 7.9        | 8.3              | 7.8                    | 31.4               | Net Property  | 19  | 1.6 211.4            | 222.0   | reservoir (   | covering a          | pproximate    | ly 165 ac                 | res containing                         |  |
| 12/31/08                              | 7.5<br>я в  | 7.8        | 8.6<br>9.8       | 8.9<br>9 2             | 32.8               | Otter<br>Trial Accels                                     | 11  | <u>2.6 21,7</u>      | <u>19.7</u>                                   | which is 1  | .000 feet I         | ong and 5     | valer; and<br>2 feet high | and creates a                          |  |
| 12/31/10                              | 0.0   | 9.1        | 9.0              |                        |                    | 1.4161 (133013  | 21  | 174.7                | A-10.0  | reservoir   | covering a          | oproximate    | ly 290 ac                 | res containing                         |  |
| Fiscal EARNINGS PER SHARE             |   |            |                  | RE                     | Fuit               | LIABILITIES<br>  Accts Pavabl                             | (Smili.)<br>e S                                 | .2 2.0               | 14  | about 1,3 b   | illion gallo        | ns of water   | In addition               | n, the company                         |  |
| Year                                  | 10  | 20         | 3Q               | 40                     | Year               | Debt Due  | 1   | 50 8.7               | 9.3   | possesses a   | 1 15-mile pi        | penne from    | the Susque                | ditional supply                        |  |
| 12/31/08                              | .12   | .14        | .17              | .15                    | .50<br>.37         | Current Linb  | 2   | 1.4 14.2             | 14.6  | of water.   | s of Dece           | mber 31, 2    | 009, the c                | mpany served                           |  |
| 12/31/08                              | .11   | .13        | .15              | .18                    | .57                |   |   |                      |   | approxima   | tely 180,00         | 0 residentia  | al, commer                | cial, industrial,                      |  |
| 12/31/09                              | .13   | .17        | .18<br>.19       | .15                    | .84                | LONG-TERM   | DEBT AND E                                      | עזועס                | 1   | and other   | customers           | in 39 muni    | cipalities in             | n York County                          |  |
| Cal- QUARTERLY DIVIDENDS PAID         |   |            |                  | S PAID                 | Full               | AS of 12/31/09  |   |                      |   | ployees, C.E.O. & President: Jeffrev R. Hines, Inc.: PA.  |                     |               |                           |  |  |
| ender                                 | ender fQ 2Q 3Q  |            |                  |                        | Year               | Total Debt \$   | 82.6 mili.                                      | Due in 5 Yrs.        | \$24.6 mp).                                   | Address: 130 East Market Street, York, PA 17401. Tel .:   |                     |               |                           |  |  |
| 2007                                  | 2007 .118 .118 .118   |            |                  | .118                   | .47                | LT Debt \$73.<br>Including Ca                             | 2 mil.<br>19. Lesses Non                        | Ð                    |   | (717) 845-3601. Internet: http://www.yorkwater.com.   |                     |               |                           |  |  |
| 2008                                  | 2009 121 121 121 121 121 48<br>2009 126 126 126 126 126 50 Leases Uncediation |            |                  |                        |                    |   | anitalized Annu                                 | (46)<br>Mariala Mari | K of Cap1)                                    | <i>W.T.</i>   |                     |               |                           |  |  |
| 2010 .128 .128                        |   |            |                  |                        |                    | Bamata - 43-4   | neretan (lahi)): CEE and in Moune CEE and in Mo |                      |   |   | April 23, 2010      |               |                           |  |  |
| INSTITUTIONAL DECISIONS               |   |            |                  |                        |                    | remaion 1. Molinty \$5.0 may in 109 vs. \$9.0 mail in 109 |   |                      |   | TOTAL SHAREHOLDER RETURN  |                     |               |                           |  |  |
| 20/03 30/08                           |   |            | 40               | 40r09   Pid Stock None |                    | 10  | Pid Olv'd                                       | Faid None            | Dividends plus appreciation as of 3/31/2010   |   |                     |               |                           |  |  |
| 10 Sei                                | loSel 12 16   |            |                  | 1                      | 15                 | Common Stor   | :k 12,558,724 sh                                | Nales<br>IFA         | Salcon  | 3 Mos.  | 6 Mos.              | 1 Yr.         | 3 Yrs                     | . 5 Yrs.                               |  |
| Hid's (Of                             | 00)   | 2477       | 2941             | 294                    | 51                 | L   |   |                      |   | -4.36%  | 1.00%               | 15.19%        | -10.47                    | <b>% 28.22%</b>                        |  |
| @2010 3/sku                           | Line Put  | intrine is | ar All rights    | sections i             | actual             | material is obtain  | ed have courses                                 | beliawed to be m     | eistie and it m                               | which without war   | ranties of any life | d             |                           |  |  |

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