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BEFORE THE ARIZONA CORPORATION COMMISSION
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- KRISTIN K. MAYES, Chairman
- GARY PIERCE
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2009 MAR 13 P 1:16
AZ CORP COMMISSION
DOCKET CONTROL

IN THE MATTER OF THE APPLICATION OF ARIZONA-AMERICAN WATER COMPANY, AN ARIZONA CORPORATION, FOR A DETERMINATION OF THE CURRENT FAIR VALUE OF ITS UTILITY PLANT AND PROPERTY AND FOR INCREASES IN ITS RATES AND CHARGES BASED THEREON FOR UTILITY SERVICE BY ITS AGUA FRIA WATER DISTRICT, HAVASU WATER DISTRICT, MOHAVE WATER DISTRICT, PARADISE VALLEY WATER DISTRICT, SUN CITY WEST WATER DISTRICT AND TUBAC WATER DISTRICT.

DOCKET NO. W-01303A-08-0227

Arizona Corporation Commission
DOCKETED
MAR 13 2009

DOCKETED BY	
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IN THE MATTER OF THE APPLICATION OF ARIZONA-AMERICAN WATER COMPANY, AN ARIZONA CORPORATION, FOR A DETERMINATION OF THE CURRENT FAIR VALUE OF ITS UTILITY PLANT AND PROPERTY AND FOR INCREASES IN ITS RATES AND CHARGES BASED THEREON FOR UTILITY SERVICE BY ITS MOHAVE WASTEWATER DISTRICT.

DOCKET NO. SW-01303A-08-0227

**STAFF'S NOTICE OF FILING
SURREBUTTAL TESTIMONY**

Staff of the Arizona Corporation Commission ("Staff") hereby files the Surrebuttal Testimony of Elijah O. Abinah of the Utilities Division in the above-referenced matter.

RESPECTFULLY SUBMITTED this 13th day of March, 2009.

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2 of the foregoing were filed this
13th day of March, 2009 with:

3 Docket Control
4 Arizona Corporation Commission
1200 West Washington Street
5 Phoenix, Arizona 85008

6 Copy of the foregoing mailed this
7 13th day of March, 2009 to:

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SURREBUTTAL

TESTIMONY

OF

ELIJAH O. ABINAH

**DOCKET NOS. W-01303A-08-0227
SW-01303A-08-0227**

**IN THE MATTER OF THE APPLICATION OF ARIZONA-AMERICAN WATER
COMPANY FOR DETERMINATION OF THE CURRENT FAIR VALUE OF ITS
UTILITY PLANT AND PROPERTY AND FOR INCREASES IN ITS RATES AND
CHARGES BASED THEREON FOR UTILITY SERVICE BY ITS AGUA FRIA WATER
DISTRICT, HAVASU WATER DISTRICT, MOHAVE WATER DISTRICT, PARADISE
VALLEY WATER DISTRICT, AND TUBAC WATER DISTRICT**

**IN THE MATTER OF THE APPLICATION OF ARIZONA-AMERICAN WATER
COMPANY FOR DETERMINATION OF THE CURRENT FAIR VALUE OF ITS
UTILITY PLANT AND PROPERTY AND FOR INCREASES IN ITS RATES AND
CHARGES BASED THEREON FOR UTILITY SERVICE BY ITS MOHAVE
WASTEWATER DISTRICT**

MARCH 13, 2009

BEFORE THE ARIZONA CORPORATION COMMISSION

KRISTIN K. MAYES

Chairman

GARY PIERCE

Commissioner

PAUL NEWMAN

Commissioner

SANDRA D. KENNEDY

Commissioner

BOB STUMP

Commissioner

IN THE MATTER OF THE APPLICATION OF)
ARIZONA-AMERICAN WATER COMPANY)
FOR DETERMINATION OF THE CURRENT)
FAIR VALUE OF ITS UTILITY PLANT AND)
PROPERTY AND FOR INCREASES IN ITS)
RATES AND CHARGES BASED THEREON)
FOR UTILITY SERVICE BY ITS AGUA FRIA)
WATER DISTRICT, HAVASU WATER)
DISTRICT, MOHAVE WATER DISTRICT,)
PARADISE VALLEY WATER DISTRICT, AND)
TUBAC WATER DISTRICT)

DOCKET NO. W-01303A-08-0227

IN THE MATTER OF THE APPLICATION OF)
ARIZONA-AMERICAN WATER COMPANY)
FOR DETERMINATION OF THE CURRENT)
FAIR VALUE OF ITS UTILITY PLANT AND)
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RATES AND CHARGES BASED THEREON)
FOR UTILITY SERVICE BY ITS MOHAVE)
WASTEWATER DISTRICT)

DOCKET NO. SW-01303A-08-0227

SURREBUTTAL

TESTIMONY

OF

ELIJAH O. ABINAH

ASSISTANT DIRECTOR

UTILITES DIVISION

ARIZONA CORPORATION COMMISSION

MARCH 13, 2009

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1 **INTRODUCTION**

2 **Q. Please state your name and business address.**

3 A. My name is Elijah O. Abinah. My business address is 1200 West Washington Street,
4 Phoenix, Arizona, 85007.

5
6 **Q. Where are you employed and in what capacity?**

7 A. I am employed by the Utilities Division ("Staff") of the Arizona Corporation Commission
8 ("ACC" or "Commission") as the Assistant Director.

9
10 **Q. How long have you been employed with the Utilities Division?**

11 A. I have been employed with the Utilities Division since January 2003.

12
13 **Q. Please describe your educational background and professional experience.**

14 A. I received a Bachelor of Science degree in Accounting from the University of Central
15 Oklahoma in Edmond, Oklahoma. I also received a Master of Management degree from
16 Southern Nazarene University in Bethany, Oklahoma. Prior to my employment with the
17 ACC, I was employed by the Oklahoma Corporation Commission for approximately eight
18 and a half years in various capacities in the Telecommunications Division.

19
20 **Q. What are your current responsibilities?**

21 A. As the Assistant Director, I review submissions that are filed with the Commission and
22 make policy recommendations to the Director regarding those filings.

23
24 **Q. What is the purpose of your testimony?**

25 A. The purpose of my testimony is to respond to Chairman Mayes letter docketed on
26 November 12, 2008. In her letter, Chairman Mayes requested that the parties to this

1 docket provide the Commission as part of their testimony, “an analysis addressing the
2 predicted impact of statewide and select consolidation of Arizona-American’s water
3 system”.

4
5 In addition, I will respond to the testimony filed by Mr. Townsley on behalf of Arizona-
6 American Water Company (“Arizona-American” or “Company”) regarding what the
7 Company calls systems benefits charges.

8
9 **RATE CONSOLIDATION/SYSTEM INTERCONNECTION**

10 **Q. Does Staff support rate consolidation and/or system interconnection?**

11 A. Yes, in appropriate circumstances. Staff believes where and when it makes sense and
12 where it is technically and financially feasible, rate consolidation and system
13 interconnections should be seriously considered by the Commission.

14
15 **Q. Can you please define rate consolidation and system interconnection?**

16 A. Rate consolidation also known as Single Tariff Prices (“STP”) is “the use of a unified rate
17 structure for multiple utility systems that are owned and operated by a single utility, but
18 that may or may not be contiguous or physically interconnected.” Whereas, system
19 interconnection is when two or more systems or districts owned and operated by a single
20 utility are physically connected or tied together. When a system or district is
21 interconnected, in most instances, they share storage tanks, pipelines, etc. The Company’s
22 systems/districts, in most instances, are contiguous.

23
24 **Q. When a company is physically interconnected, is it appropriate to have a STP?**

25 A. Yes. Staff believes that, when a company is physically interconnected an STP is
26 appropriate.

1 **Q. Please explain.**

2 A. Staff believes that prior to rate consolidation, the Company should first consider whether
3 two or more systems can and should be physically interconnected. If interconnection is
4 technically and financially feasible, then the Company should interconnect and thereafter,
5 propose to consolidate the rates for those systems or propose an STP.

6
7 **Q. Does a utility have to interconnect in order to have a rate consolidation or STP?**

8 A. No. Staff believes that in some instances physical interconnection is not technically or
9 financially feasible, while rate consolidation may be.

10
11 **Q. Did the Company propose consolidation in its Direct Testimony?**

12 A. No. In its Direct Testimony, the Company did not propose any rate consolidation. The
13 Company did address or propose some form of consolidation in its Rebuttal Testimony.

14
15 **Q. What is Staff's recommendation in this proceeding?**

16 A. As stated earlier, Staff supports rate consolidation and/or system interconnection where
17 appropriate. In this instance, Staff recommends that the Commission order Arizona-
18 American, in its next rate case, to propose detailed rate consolidation and/or system
19 interconnection plans where the Company believes it is technically and financially
20 feasible.

21
22 **Q. What is Staff's rationale for this recommendation?**

23 A. As stated earlier, Staff supports rate consolidation and/or system interconnection where
24 and when it is technically and financially feasible. As noted, the Company for ratemaking
25 purposes, has 13 systems/districts, consisting of eight water and five wastewater districts.
26 Currently, the Company has a rate case pending for seven of the 13 systems: six water and

1 one wastewater, (Mohave Wastewater). Staff believes that in order to adequately analyze
2 the issue, the Company needs to file rate, financial, and operational information for all its
3 systems/districts at one time.

4
5 Also, Staff believes that the Commission should proceed with caution and be mindful of
6 any unintended consequences of rate consolidation and/or system interconnection.

7
8 **Q. Please explain what you meant by unintended consequences.**

9 A. As noted in Attachment 1, if such consolidation were to be approved, the residents of Sun
10 City would have higher bills than the residents of Sun City West, while today the opposite
11 is true, even though such consolidation would lower the bills for Sun City West.

12
13 **Q. Please explain.**

14 A. Based on the response from Arizona-American, a quick analysis of the effect of rate
15 consolidation for Sun City and Sun City West will lead to disproportionate rates. (Please
16 see Attachment 1.) Currently, an average monthly bill for a 5/8" meter in Sun City is
17 \$14.17, while in Sun City West it is \$35.33. If the rates for these systems were to be
18 consolidated Sun City's average monthly bill would increase from \$14.17 to \$21.49, while
19 Sun City West's average monthly bill would decrease from \$35.33 to \$18.09.

20
21 **Q. Does Staff have any other concerns regarding rate consolidation in this docket?**

22 A. Yes. In addition to the other concerns listed above, A.A.C R14-2-105(A) requires that
23 notice be given to customers affected by a rate application.

24

1 Because of the lack of notice to all of the Company's customers, Staff believes that rate
2 consolidation cannot be undertaken in this docket. The administrative rules, as well as
3 due process concerns, require proper notice be given.
4

5 **Q. Does rate consolidation and/or system interconnection have to be statewide?**

6 A. No. Rate consolidation and/or system interconnection does not necessarily have to be
7 statewide. It could be statewide, it could be a combination of two or more
8 systems/districts, rate consolidation will be achieved on countywide basis, or a combination
9 of counties.
10

11 **Q. Please explain.**

12 A. The Commission can consider a statewide rate consolidation without taking into
13 consideration whether the system/district is physically connected or not. Another
14 alternative is to implement rate consolidation on a county-wide basis. For example, the
15 Commission, if so inclined, could order the Company, in its next rate case, to propose rate
16 consolidation for Sun City Water district, Sun City West Water district, Agua Fria Water
17 district, Anthem Water district, and Paradise Valley Water district. For rate making
18 purposes this would be classified as the Maricopa County Water District.
19

20 In addition, the Commission could order a single proposal for the Company's wastewater
21 systems/districts.
22

23 The Commission, could also issue an order directing Arizona-American to propose a STP
24 for Mohave County by consolidating the Havasu Water system/district and Mohave Water
25 system/district and classify these as the Mohave County Water District. The Commission

1 could also issue a similar proposal for the Havasu Wastewater and Mohave Wastewater
2 and classify it as Mohave County Wastewater District.

3 The Commission, if so inclined, could also order one rate for La Paz County, or require
4 that the Tubac system be consolidated with Mohave County.

5

6 **Q. Does Staff believe that rate consolidation and/or system interconnection is possible**
7 **for all systems/districts?**

8 A. No. Sometimes rate consolidation and/or system interconnection is not technically or
9 financially feasible.

10

11 **Q. Should rate consolidation and/or system interconnection be considered based on the**
12 **type of services provided?**

13 A. Yes. Staff believes that rate consolidation and/or system interconnection should be
14 considered just for the type of services provided. For instance, if there is to be a rate
15 consolidation, the Company should propose one for its water systems/districts and another
16 or different rates for its wastewater systems/districts.

17

18 **Q. How many rate making districts are within Arizona-American?**

19 A. Staff believes that for rate making purposes, Arizona-American has 13 districts/systems, 8
20 water and 5 wastewater.

21

22 **Q. Can you please list these districts?**

23 A. Yes:

24

- 25 • Agua Fria Water district
- 26 • Agua Fria Wastewater district
- 27 • Sun City Water
- 28 • Sun City Wastewater

- 1 • Sun City West Water
- 2 • Sun City West Wastewater
- 3 • Anthem Water
- 4 • Anthem Wastewater
- 5 • Mohave Water district
- 6 • Mohave Wastewater district
- 7 • Paradise Valley Water
- 8 • Tubac Water district
- 9 • Havasu Water

10

11 **Q. If the Commission is inclined to consider rate consolidation and/or system**
12 **interconnection, do you have a recommendation?**

13 A. As stated above, Staff is not recommending rate consolidation and/or system
14 interconnection in this case. However, if the Commission is inclined to adopt rate
15 consolidation/system interconnection, Staff recommends that the Commission consider the
16 options listed below.

17

18 **Q. Based on the location and proximity, could two or more systems/districts within**
19 **Arizona-American be physically interconnected?**

20 A. Yes. Based on the location and proximity, Staff believes the Sun City district, Sun City
21 West district and Agua Fria district could be interconnected and thereafter, have their rates
22 consolidated. Please see Attachment 2.

23

24 **Q. Based on the location and proximity, does Staff believe other systems/districts within**
25 **Arizona-American could be physically interconnected?**

26 A. No. As noted on page 1 of Attachment 2, the distance between Anthem and Sun City
27 West is 9.64 miles, in addition, Staff believes that due to the terrain, it would not be
28 technically feasible to physically interconnect.

29

1 The distance between Paradise Valley and Sun City is 16.09 miles and from Paradise
2 Valley to Agua Fria is 25.28 miles. In both scenarios, because of the location proximity
3 and distance, it may not be financially feasible to physically interconnect.

4
5 In addition, as noted on page 2, Attachment 2, the distance between the Mohave
6 system/district and the Havasu system is 35.27 miles. In this instance, Staff believes it is
7 not financially and or technically feasible to physically interconnect.

8
9 Also, page 3 of Attachment 2 indicates that the Company has one system, in this case
10 there will be no need for interconnection.

11
12 **Q. Should location and proximity of the district or system be the only deciding factor?**

13 A. No. Staff believes other factors such as cost of interconnection, and the terrain be
14 considered prior to physical interconnection.

15
16 **Q. Should the Commission establish, at a minimum, a set of criteria in considering rate
17 consolidation and/or system interconnection?**

18 A. Yes. Staff believes that, at a minimum, the Commission should establish certain criteria
19 for rate consolidation and/or system interconnection.

20
21 **Q. What criteria should be considered in recommending rate consolidation?**

22 A. Staff believes that the following criteria should be utilized at the minimum:

- 23
24 • Public health and safety – These issues come into play with small, troubled water
25 systems that are not currently a part of a larger system. Small troubled systems often
26 need substantial investment to alleviate health or public safety issues such as water

1 quality. Upgrades to such systems can be significant and substantial, since this may be
2 spread over only a few customers, rates will move up drastically. One of the most
3 valuable outcomes of consolidated rates is that it allows the purchase of these systems
4 by larger, more stable companies who can in turn spread this investment over a much
5 larger customer base. For example, if a small, 300 customer system needed to make
6 an investment of \$1.0 million each customer would face an increase of roughly a \$50
7 per month, just to meet the revenue requirement for this investment. If on the other
8 hand, we had a consolidated tariff and could spread that same revenue requirement
9 over 100,000 customers, each customer would face an increase of only \$0.15 per
10 month.

- 11
- 12 • Proximity and location – Proximity may help psychologically getting people to accept
13 single tariffs, but it certainly is not a requirement. Physical interconnection should be
14 required when systems/districts are closer and it is technically and financially feasible.
15
- 16 • Community of interest – Staff believes that prior to rate consolidation and/or system
17 interconnection, the Company should consider whether those districts/systems have a
18 common interest such as, schools, hospitals, recreational parks, churches, etc. If the
19 districts have those things in common, and it is technically and financially feasible,
20 then system interconnection could make sense.
21
- 22 • Economies of scale/rate case expense – One area where there would be significant
23 economies of scale would be in the preparation of rate cases. Preparing, analyzing and
24 litigating the consolidated cases could be much more efficient than processing with
25 individual cases. Issues which have caused delays and added costs such as allocating

1 shared plant or other costs between districts could disappear as there would be only a
2 single number for rate base or expenses.

- 3
- 4 • Price shock/mitigation – Price shock is an issue during the transition period and, in
5 reality, is relative to the prices people pay now. It is also important to remember that
6 there will be communities that clearly benefit from this and others that do not.

7

8 For example, if Sun City and Sun City West consolidate, the average price would be
9 roughly \$20 per month. For Sun City customers, this would amount to an increase of
10 roughly \$7 per month which is substantial but not insurmountable. On a relative basis
11 however, this is a 54 percent increase and this figure is bound to garner unfavorable
12 publicity. For the Sun City West residents, this would represent a decrease from
13 current rates and a significant decrease from the proposed average rate of \$35 per
14 month demonstrating the clear benefit these residents would experience.

15

16 Mitigating efforts can occur on several fronts. First, the focus needs to stay on the
17 absolute not the relative amounts, as the absolute amounts are what people will
18 actually need to pay out of pocket.

19

20 Secondly, a low income program could be initiated. Currently, the areas in the most
21 need are least able to fund the program and the more affluent areas, where the need is
22 lower, are more able to fund programs.

- 23
- 24 • Public policy – Public policy will be a key part of tariff consolidation. There are
25 several examples of public policy driving regulatory decisions that differ from a purely
26 theoretical view on regulatory practices. Public policy on water conservation is one of

1 the key drivers behind the increasing block tariffs used to promote conservation even
2 though, in a traditional “cost of service” model, one might expect to see the opposite.
3 Public policy is also behind the push to switch water use from non-renewable ground
4 water to renewable sources like surface water even though ground water may be less
5 expensive in the short term. The key public benefits related to tariff consolidation
6 include:

- 7 1. The opportunity for efficient consolidation of small troubled water
8 companies, some of which may be some distance from other companys’
9 current footprint.
- 10 2. The ability to minimize severe price shocks experienced by one or two
11 communities as a new facility or major upgrade is undertaken.
- 12 3. Improving the effectiveness of certain key programs such as low income
13 tariffs by including resources from across the state.

- 14
- 15 • Other jurisdictions/municipalities – Staff believes that the Commission should
16 examine how and if this issue is being addressed by other jurisdictions.
- 17

18 **Q. Have you reviewed the testimony file by Arizona-American with regard to systems**
19 **benefits charges?**

20 A. Yes.

21

22 **Q. Can you briefly discuss the Company’s request or recommendation?**

23 A. Yes. On page 17, lines 1 - 9, Mr. Townsley suggested that “the Commission could
24 consider implementing a surcharge across all districts to pay down the investment levels in
25 higher level districts over time”. He also suggested that the proceeds from these

1 surcharges would be used as Contributions in Aid of Construction (“CIAC”) and credited
2 to Arizona-American. Thereby, reducing its net-plant (rate base) in a district.

3
4 In addition, he compares the proposed surcharge to what has been used by electric utilities
5 as systems benefit charges.

6
7 **Q. Does Staff agree with such recommendations?**

8 A. No. Staff believes the proposal is premature. A detailed analysis needs to be performed
9 and other mechanisms need to be examined. Without adequate discussion and analysis,
10 Staff will not support such a proposal. Staff believes it would be more appropriate to
11 consider and examine the issue in the Company’s next rate case.

12
13 **Q. Does this conclude your Surrebuttal Testimony?**

14 A. Yes it does.

SCENARIO: 2 DISTRICT RESIDENTIAL RATE CONSOLIDATION

Meter Size	Anthem		Aqua Fria		Havasu		Mohave		Paradise Valley		Sun City		Sun City West		Tubac		Total
Average Gallons 5/8"	10,101		7,679		9,796		8,121		20,458		8,280		6,702		11,740		
UNCONSOLIDATED RESIDENTIAL RATES																	
5/8 & 3/4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,389,239	\$5,957,328	\$0	\$9,346,568	\$0	\$0	\$0	\$0
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,597	\$157,769	\$0	\$285,366	\$0	\$0	\$0	\$0
1.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,788,716	\$1,469,445	\$0	\$3,258,161	\$0	\$0	\$0	\$0
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$825,185	\$538,188	\$0	\$1,363,374	\$0	\$0	\$0	\$0
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,350	\$0	\$0	\$14,350	\$0	\$0	\$0	\$0
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$368,296	\$0	\$368,296	\$0	\$0	\$0	\$0
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,185	\$0	\$0	\$6,185	\$0	\$0	\$0	\$0
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,151,273	\$8,491,027	\$0	\$14,642,300	\$0	\$0	\$0	\$0
Average Monthly Bill 5/8"	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14.17	\$35.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

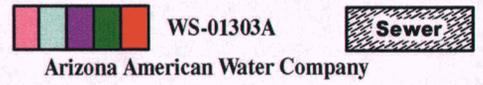
CONSOLIDATED RESIDENTIAL RATES

5/8 & 3/4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,139,088	\$3,050,765	\$0	\$8,189,853	\$0	\$0	\$0	\$0
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$199,618	\$86,036	\$0	\$285,654	\$0	\$0	\$0	\$0
1.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,132,360	\$914,867	\$0	\$4,047,227	\$0	\$0	\$0	\$0
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,428,689	\$332,192	\$0	\$1,760,882	\$0	\$0	\$0	\$0
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,249	\$0	\$0	\$26,249	\$0	\$0	\$0	\$0
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$319,673	\$0	\$319,673	\$0	\$0	\$0	\$0
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,745	\$0	\$0	\$12,745	\$0	\$0	\$0	\$0
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,938,750	\$4,703,532	\$0	\$14,642,283	\$0	\$0	\$0	\$0
Average Monthly Bill 5/8"	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.49	\$18.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

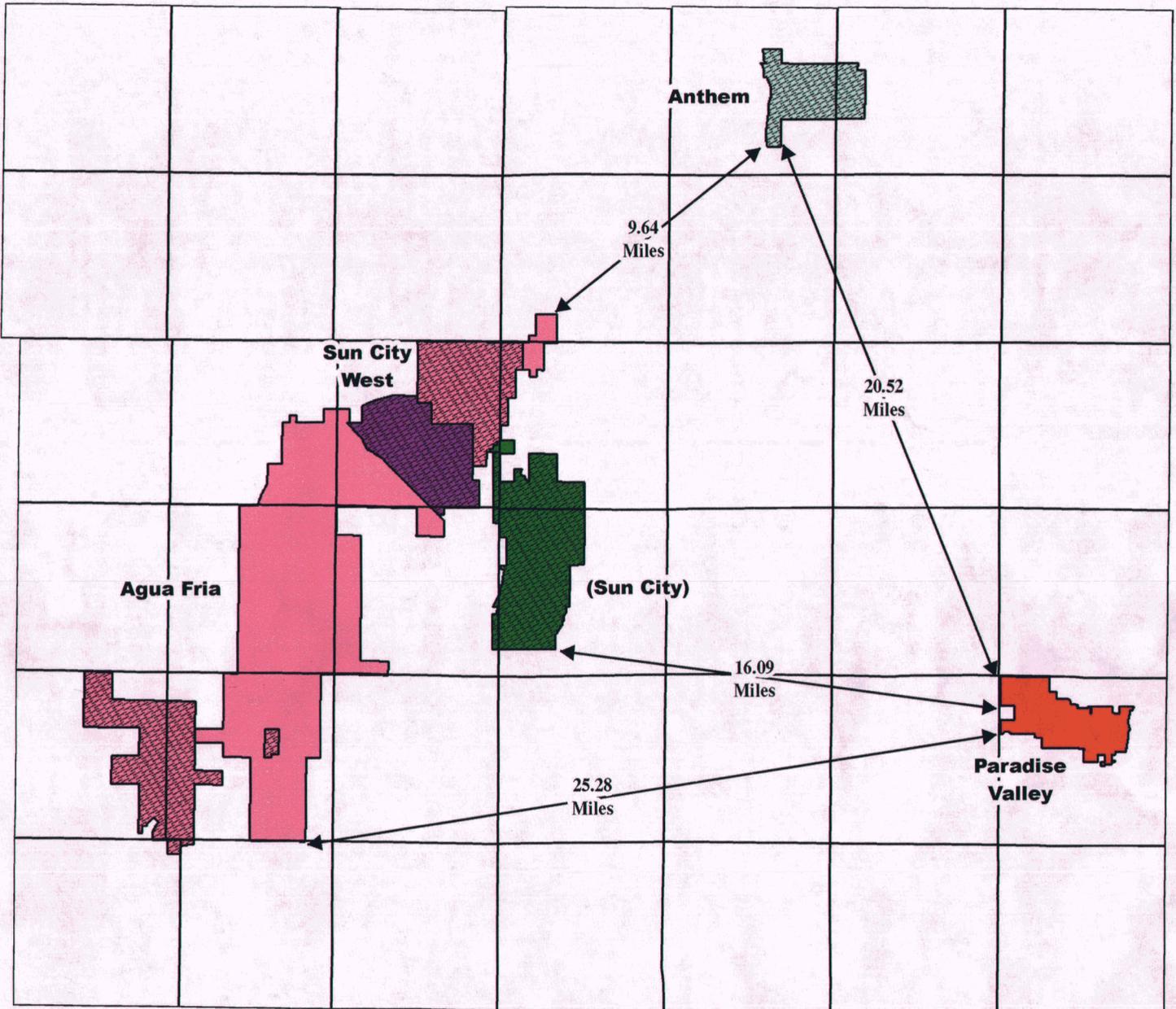
INCREASE/(DECREASE) IN RESIDENTIAL RATES NEEDED TO CONSOLIDATE

5/8 & 3/4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,749,849	(\$2,906,564)	\$0	(\$1,156,715)	\$0	\$0	\$0	\$0
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,021	(\$71,733)	\$0	\$288	\$0	\$0	\$0	\$0
1.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,343,644	(\$554,579)	\$0	\$789,066	\$0	\$0	\$0	\$0
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$603,504	(\$205,996)	\$0	\$397,508	\$0	\$0	\$0	\$0
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,899	\$0	\$0	\$11,899	\$0	\$0	\$0	\$0
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$48,623)	\$0	(\$48,623)	\$0	\$0	\$0	\$0
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,560	\$0	\$0	\$6,560	\$0	\$0	\$0	\$0
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,787,477	(\$3,787,495)	\$0	(\$17)	\$0	\$0	\$0	\$0
Change in Monthly Bill 5/8"	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	61.5723%	-44.6058%	0.0000%	-0.0001%	0.0000%	0.0000%	0.0000%	0.0000%

Assumptions: Sun City based on existing rates, Sun City West based on 5-1-08 proposed rate case



Maricopa County



Mohave County

WS-01303A
Arizona American Water Company

Sewer



 WS-01303A
Arizona American Water Company

Santa Cruz County

