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BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

BOB STUMP, CHAIRMAN
GARY PIERCE
BRENDA BURNS
BOB BURNS
SUSAN BITTER SMITH

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ARIZONA CORPORATION COMMISSION
DOCKET CONTROL

Arizona Corporation Commission

DOCKETED

MAR 07 2014

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IN THE MATTER OF THE APPLICATION OF FARMERS WATER COMPANY FOR A DETERMINATION OF THE CURRENT FAIR VALUE OF ITS UTILITY PLANT AND PROPERTY AND FOR INCREASES IN ITS RATES AND CHARGES FOR UTILITY SERVICE.

DOCKET NO. W-01654A-13-0267

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

The Utilities Division of the Arizona Corporation Commission ("Staff") hereby files the Direct Testimony of Jian W. Liu, in the above-referenced matter. Staff apologizes for the delay in filing the testimonies which were originally due on March 6. However, Staff has requested a modification to the procedural schedule to file Direct Testimony. With that in mind, the Direct Testimony of Staff witness Crystal A. Brown will be filed on or before the requested extension date of March 14, 2014.

RESPECTFULLY SUBMITTED this 7th day of March, 2014.



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Original and thirteen (13) copies of the foregoing filed this 7th day of March, 2014, with:

Docket Control
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

1 Copy of the foregoing mailed this
2 7th day of March, 2014, to:

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10 *Roseann Corio*

BEFORE THE ARIZONA CORPORATION COMMISSION

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Chairman
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IN THE MATTER OF THE APPLICATION OF)
FARMERS WATER CO., 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)

DOCKET NO. W-01654A-13-0267

DIRECT
TESTIMONY
OF
JIAN W. LIU
UTILITIES ENGINEER
UTILITIES DIVISION
ARIZONA CORPORATION COMMISSION

MARCH 7, 2014

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**EXECUTIVE SUMMARY
FARMERS WATER CO.
DOCKET NO. W-01654A-13-0267**

CONCLUSIONS

1. The Arizona Department of Environmental Quality (“ADEQ”) reported that all Farmers Water Co. (“Farmers Water” or “Company”) drinking water systems, are currently delivering water that meets water quality standards required by 40 C.F.R. 141 (National Primary Drinking Water Regulations) and Arizona Administrative Code, Title 18, Chapter 4. (ADEQ report dated December 20, 2013).
2. Farmers Water is located in the Tucson Active Management Area (“AMA”) and is subject to its AMA reporting and conservation requirements. Arizona Department of Water Resources (“ADWR”) reported that the Continental drinking water system is not in compliance with departmental requirements governing water providers and/or community water systems. (ADWR compliance status report dated December 26, 2013).
3. A check with the Arizona Corporation Commission (“ACC” or “Commission”) Utilities Division Compliance Section showed that there are two (2) delinquencies for the Company. See Section G for details. (ACC Compliance Section Email dated January 6, 2014).
4. The Company has approved Curtailment Plan and Backflow Prevention Tariffs on file with the Commission.
5. Staff concludes that the Farmers Water has adequate production capacity and storage capacity to serve the existing customer base and reasonable growth.

RECOMMENDATIONS

1. Staff recommends that Farmers Water monitor the Sahuarita water system and submit the gallons pumped and sold to determine the non-account water for one full year. The Company should coordinate when it reads the well meters each month with customer billing so that an accurate accounting is determined. The results of this monitoring and reporting shall be docketed as a compliance item in this case within 13 months of the effective date of the order issued in this proceeding. If the reported water loss is greater than 10 percent the Company shall prepare a report containing a detailed analysis and plan to reduce water loss to 10 percent or less. If the Company believes it is not cost effective to reduce the water loss to less than 10 percent, it should submit a detailed cost benefit analysis to support its opinion. In no case shall the Company allow water loss to be greater than 15 percent. The water loss reduction report or the detailed analysis,

whichever is submitted, shall be docketed as a compliance item within 13 months of the effective date of the order issued in this proceeding.

2. Staff recommends that Farmers Water prepare a report containing a detailed analysis and plan to reduce water loss to 10 percent or less for its Continental and Sahuarita Highlands water systems. The water loss reduction report shall be docketed as a compliance item within 90 days of the effective date of the order issued in this proceeding. If the Company believes it is not cost effective to reduce the water loss to less than 10 percent, it should submit a detailed cost benefit analysis to support its opinion. In no case shall the Company allow water loss to be greater than 15 percent.
3. Staff recommends annual water testing expense of \$11,502 (rounded) be used for purposes of this application.
4. Staff recommends that any increase in rates and charges approved in this proceeding not become effective until the first day of the month following the Company's filing of an updated ADWR Compliance Status Report indicating that the Company is in compliance with ADWR requirements.
5. In the prior rate case, the Company adopted Staff's typical and customary water depreciation rates. These rates are presented in Table H-1 and it is recommended that the Company continue to use these depreciation rates by individual National Association of Regulatory Utility Commissioners category.
6. Farmers Water does not have Commission approved BMP tariffs. Staff recommends that the Company be required to file with Docket Control, as a compliance item in this docket, within 90 days of the effective date of this Decision, at least seven BMPs in the form of tariffs that substantially conform to the templates created by Staff for the Commission's review and consideration. The templates created by Staff are available on the Commission's website at <http://www.azcc.gov/Divisions/Utilities/forms.asp>. The Company may request cost recovery of actual costs associated with the BMPs implemented in its next general rate application.
7. The Company has not requested any changes in its service line and meter installation charges that were approved in its last rate application. Staff recommends continued use of the Company's current meter and service line installation charges.

1 **INTRODUCTION**

2 **Q. Please state your name, place of employment and job title.**

3 A. My name is Jian W. Liu. My place of employment is the Arizona Corporation
4 Commission (“Commission”), Utilities Division (“Staff”), 1200 West Washington Street,
5 Phoenix, Arizona 85007. My job title is Water/Wastewater Engineer.

6
7 **Q. How long have you been employed by the Commission?**

8 A. I have been employed by the Commission since October 2005.

9
10 **Q. Please list your duties and responsibilities.**

11 A. My main responsibilities are to inspect, investigate and evaluate water and wastewater
12 systems. This includes obtaining data, preparing reconstruction cost new and/or original
13 cost studies, investigative reports, interpreting rules and regulations, and to suggest
14 corrective action and provide technical recommendations on water and wastewater system
15 deficiencies. I also provide written and oral testimony in rate cases and other cases before
16 the Commission.

17
18 **Q. How many companies have you analyzed for the Utilities Division?**

19 A. I have analyzed approximately 45 companies for the Utilities Division covering various
20 responsibilities.

21
22 **Q. Have you previously testified before the Commission?**

23 A. Yes, I have testified before the Commission.

24
25 **Q. What is your educational background?**

26 A. I am a Ph.D. Candidate in Geotechnical Engineering from Arizona State University
27 (“ASU”). I have a Master of Science Degree in Natural Science from ASU and a Master

1 of Science Degree in Civil Engineering from Institute of Rock & Soil Mechanics
2 (“IRSM”), Academy of Sciences, China.

3
4 **Q. Briefly describe your pertinent work experience.**

5 A. From 1982 to 2000, I was employed by IRSM, SCS Engineers, and URS Corporation as a
6 Civil and Environmental Engineer. In 2000, I joined the Arizona Department of
7 Environmental Quality (“ADEQ”). My responsibilities with ADEQ included review and
8 approval of water distribution systems, sewer distribution systems, and on-site wastewater
9 treatment facilities. I remained with ADEQ until transferring to the Commission in
10 October 2005.

11
12 **Q. Please state your professional membership, registrations, and licenses.**

13 A. I am a licensed professional civil engineer in the State of Arizona.
14

15 **PURPOSE OF TESTIMONY**

16 **Q. Were you assigned to provide Staff’s engineering analysis and recommendations for**
17 **the Farmers Water Co. (“Farmers Water” or “Company”) in this proceeding?**

18 A. Yes. I reviewed the Farmers Water application and responses to data requests. Also I
19 inspected the Company’s water system on January 14, 2014. This testimony and its
20 attachment present Staff’s engineering evaluation.
21

22 **ENGINEERING REPORT**

23 **Q. Please describe the attached Engineering Report, Exhibit JWJ.**

24 A. Exhibit JWJ presents the details and analyses of Staff’s findings, and is attached to this
25 Direct Testimony. Exhibit JWJ contains the following major topics: (1) a description of
26 the water system and the processes, (2) water use, (3) growth, (4) compliance with the
27 rules of the ADEQ, Arizona Department of Water Resources (“ADWR”), and the

1 Commission, (5) depreciation rates, (6) curtailment plan tariff, and (7) Service Line and
2 Meter Installation Charges.

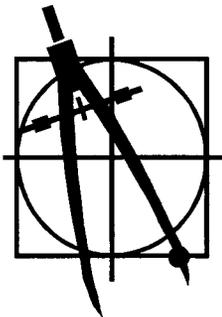
3

4 The conclusions and recommendations from the Engineering Report are contained in the
5 "Executive Summary", above.

6

7 **Q. Does this conclude your Direct Testimony?**

8 **A. Yes, it does.**



**Engineering Report
For Farmers Water Co.
Docket No. W-01654A-13-0267 (Rates)**

January 21, 2014

A. LOCATION OF THE COMPANY

On August 2, 2013 Farmers Water Co. (“Farmers Water” or “Company”) filed a rate application with the Arizona Corporation Commission (“ACC” or “Commission”). Farmers Water has four water systems that are located in the vicinity of Sahuarita which is south of Tucson in Pima County, Arizona. Figure A-1 shows the location of the Company within Pima County, and Figure A-2 shows the certificated area. The Company’s Certificate of Convenience and Necessity includes an area totaling approximately 19 square miles. In the test year 2012, the Company reported serving a total of approximately 2,725 water service connections via its four water systems. This report is the Utilities Division Staff’s (“Staff”) engineering evaluation for the rate application.

B. DESCRIPTION OF WATER SYSTEMS

The Company’s water systems were field inspected on January 14, 2014 by Jian W Liu, Staff Engineer, in the accompaniment of John Miller (Jack), representing Farmers Water. The Company operates four independent water systems with brief descriptions as follows:

1. Sahuarita, Arizona Department of Environmental Quality (“ADEQ”) Public Water System (“PWS”) No. 10-048: This system serves the community of Sahuarita and consists of two wells that pump water into a storage tank, and a pressure tank before distribution into the system. This system serves approximately 91 service connections.
2. Continental, PWS No. 10-049: This system serves the community of Continental and consists of four wells¹. The wells pump into five storage tanks and five pressure tanks before distribution into the system. This system serves approximately 1,200 service connections.
3. Santa Rita Springs, PWS No. 10-213: This system serves the Greens at Santa Rita Springs, the Springs at Santa Rita, and the Sunrise Pointe subdivisions, which are age restricted subdivisions. The system consists of one well that pumps into a storage tank,

¹ Well 55-210420 drilled in 2006, is not connected to the system and not in service.

through booster pumps, and two pressure tanks before distribution into the system. This system serves approximately 1,338 service connections.

4. Sahuarita Highlands, PWS No. 10-414: This system serves the community of Sahuarita Highlands and consists of one well, one storage tank and one pressure tank before distribution into the system. This system serves approximately 77 service connections.

Detailed plant facility listings are as follows:

Table 1. Well/Plant Data

Well/Plant Data for Sahuarita

ADWR ID No.	Pump Hp	Pump Yield (GPM)	Casing Size (inches)	Casing Depth (Feet)	Meter Size (inches)	Year Drilled
55-534922	30	210	8	1520	4	1993
55-624001	60	625	14/12	1200	8	1974
Total Pump Yield		835				

Storage Tanks		Pressure Tanks		Booster Pumps	
Capacity (gallons)	Quantity	Capacity (gallons)	Quantity	Capacity (HP)	Quantity
479,000	1	5,000	1	10	1
				20	2
				40	1
Total 479,000					

Mains		Customer Meters		Fire Hydrants
Size (inches)	Length (feet)	Size (inches)	Quantity	Quantity
2	2,971	5/8x3/4	72	14
3	1,627	1	8	
4	5,549	1.5	1	
6	3,312	2	10	
8	6,092			
10	10			
12	12,557			
16	2,535			
		Total Metered Connections	91	

Well/Plant Data for Continental

ADWR ID No.	Pump Hp	Pump Yield (GPM)	Casing Size (inches)	Casing Depth (Feet)	Meter Size (inches)	Year Drilled
55-624012	75	525	16	520	8"	1959
55-624020	60	575	18	1100	8"	1953
55-624028	10	25	18	375	8"	1977
55-210420	N/A	N/A	12 3/4	800	N/A	2006
Total Pump Yield		1,125				

Storage Tanks		Pressure Tanks		Booster Pumps	
Capacity (gallons)	Quantity	Capacity (gallons)	Quantity	Capacity (HP)	Quantity
1,000,000	1	5,000	5	10	1
500,000	2			15	4
75,000	1			20	2
8,000	1			30	3
Total 2,083,000				60	4

Mains		Customer Meters		Fire Hydrants
Size (inches)	Length (feet)	Size (inches)	Quantity	Quantity
2	1,386	5/8x3/4	926	242
3	1,755	1	218	
4	14,124	1.5	14	
6	25,278	2	37	
8	82,097	3	1	
12	13,757	4	1	
16	3,990	6	2	
		Total Metered Connections	1,199	

Well/Plant Data for Santa Rita Springs

ADWR ID No.	Pump Hp	Pump Yield (GPM)	Casing Size (inches)	Casing Depth (Feet)	Meter Size (inches)	Year Drilled
55-624025	200	1,875	18/16	1186	12	1974
Total Pump Yield		1,875				

Storage Tanks		Pressure Tanks		Booster Pumps	
Capacity (gallons)	Quantity	Capacity (gallons)	Quantity	Capacity (HP)	Quantity
1,000,000	1	5,000	1	25	1
		10,000	1	50	2
Total 1,000,000					

Mains		Customer Meters		Fire Hydrants
Size (inches)	Length (feet)	Size (inches)	Quantity	Quantity
2		5/8x3/4	1,277	122
3		1	39	
4	8,911	1.5	3	
6	21,443	2	15	
8	18,271	3	4	
12	14,369	4		
		6		
		Total Metered Connections	1,338	

Well/Plant Data for Sahuarita Highlands

ADWR ID No.	Pump Hp	Pump Yield (GPM)	Casing Size (inches)	Casing Depth (Feet)	Meter Size (inches)	Year Drilled
55-201058	30	200	12 3/4	600	4	2004
Total Pump Yield		200				

Storage Tanks		Pressure Tanks		Booster Pumps	
Capacity (gallons)	Quantity	Capacity (gallons)	Quantity	Capacity (HP)	Quantity
200,500	1	5,000	1	10	1
				25	1
				50	1
Total 200,500					

Mains		Customer Meters		Fire Hydrants
Size (inches)	Length (feet)	Size (inches)	Quantity	Quantity
2		5/8x3/4	44	38
3		1	33	
4	945	1.5		
6	2,115	2		
8	21,850	3		
12	498	4		
		6		
		Total Metered Connections	77	

System Analysis

Staff concludes that the Farmers Water systems have adequate production capacity and storage capacity to serve existing customers and reasonable growth.

C. WATER USE

Water Sold

Based on the information provided by the Company on its Water Use Data Sheets, water use for the test year 2012 is presented below for each system.

Water Use, gallons per day (“GPD”) per connection

<u>System</u>	<u>High/Mo.</u>	<u>Low/Mo.</u>	<u>Average</u>
Sahuarita	1,608 in Feb.	734 in Jan.	1,170*
Continental	472 in May	237 in Jan.	362
Santa Rita Springs	195 in Feb.	136 in Jan.	160
Sahuarita Highlands	193 in May	127 in Jan.	150

*Pecan Orchard/ Plant uses 40 – 50% of the water consumption from the Sahuarita water system.

Non-Account Water

For each water system, the Company reported the following gallons pumped and gallons sold for the test year 2012, which Staff used to determine non-account water per system:

Table 2. Water Loss

Water System	Gallons Pumped	Gallons Sold	Water loss (%)
Sahuarita	36,964,000	38,095,000	na*
Continental	177,537,000	159,411,000	10.21
Santa Rita Springs	82,812,000	78,141,000	5.64
Sahuarita Highlands	4,323,000	3,366,000	22.14

*The quantity of water sold cannot exceed the quantity of water pumped for the same period of time, which suggests that the water use data reported is invalid.

Non-account water should be 10 percent or less and never more than 15 percent. It is important to be able to reconcile the difference between water sold and the water produced by the source. A water balance will allow a water company to identify water and revenue losses due to leakage, theft, and flushing.

Staff recommends that Farmers Water monitor the Sahuarita water system and submit the gallons pumped and sold to determine the non-account water for one full year. The Company should coordinate when it reads the well meters each month with customer billing so that an accurate accounting is determined. The results of this monitoring and reporting shall be docketed as a compliance item in this case within 13 months of the effective date of the order issued in this proceeding. If the reported water loss is greater than 10 percent the Company shall prepare a report containing a detailed analysis and plan to reduce water loss to 10 percent or less. If the Company believes it is not cost effective to reduce the water loss to less than 10 percent, it should submit a detailed cost benefit analysis to support its opinion. In no case shall the Company allow water loss to be greater than 15 percent. The water loss reduction report or the detailed analysis, whichever is submitted, shall be docketed as a compliance item within 13 months of the effective date of the order issued in this proceeding.

Staff recommends that Farmers Water prepare a report containing a detailed analysis and plan to reduce water loss to 10 percent or less for its Continental and Sahuarita Highlands water systems. The water loss reduction report shall be docketed as a compliance item within 90 days of the effective date of the order issued in this proceeding. If the Company believes it is not cost effective to reduce the water loss to less than 10 percent, it should submit a detailed cost benefit analysis to support its opinion. In no case shall the Company allow water loss to be greater than 15 percent.

D. GROWTH

Based on the information provided by the Company, it is projected that the Company could add a total of 256 connections by December 2017. Therefore, Farmers Water would have 2,981 service connections by December 2017.

<u>System</u>	<u>Number of Connections Expected to be Added</u>	<u>Growth (%)</u>
Sahuarita	10	2
Continental	203	4.5
Santa Rita Springs	0	0
Sahuarita Highlands	43	10

E. ADEQ COMPLIANCE

Compliance

ADEQ reported that the Farmers Water drinking water systems are currently delivering water that meets water quality standards required by 40 C.F.R. 141 (National Primary Drinking Water Regulations) and Arizona Administrative Code, Title 18, Chapter 4. (ADEQ compliance status report dated December 20, 2013)

Water Testing Expense

The Company is subject to mandatory participation in the Monitoring Assistance Program ("MAP"). Participation in the MAP program is mandatory for water systems that serve less than 10,000 persons (approximately 3,300 service connections).

The Company reported water testing expense of \$13,119 (including water testing expense and ADEQ MAP fees) during the test year 2012. Table A1 through A4 show Staff's estimated annual monitoring expense of \$11,502 with participation in the MAP. Staff recommends its annual water testing expense of \$11,502 be used for purposes of this application.

The monitoring requirements for each system are listed in the following Tables A1 through A4:

Table A1. Summary of Sahuarita Water System (PWS No. 10-048) Water Testing Cost

Contaminant	Cost per test	No. of tests per 3 years	Total 3 year cost	Annual expense
Bacteriological - Total Coliform (monthly)	18	72	1,296	432
TTHMs & HAAs-annually	239	6	1,434	478
Lead & Copper	45	12	540	180
ADEQ MAP Annual fee				458
Total				1,548

Table A2. Summary of Continental Water System (PWS No. 10-049) Water Testing Cost

Contaminant	Cost per test	No. of tests per 3 years	Total 3 year cost	Annual expense
Bacteriological - Total Coliform (monthly)	18	108	1,944	648
TTHMs & HAAs-annually	239	9	2,151	717
Lead & Copper	45	18	810	270
ADEQ MAP Annual fee				3,159
Total				4,794

Table A3. Summary of Santa Rita Springs Water System (PWS No. 10-213) Water Testing Cost

Contaminant	Cost per test	No. of tests per 3 years	Total 3 year cost	Annual expense
Bacteriological - Total Coliform (monthly)	18	36	648	216
TTHMs & HAAs-annually	239	3	717	239
Lead & Copper	45	6	270	90
ADEQ MAP Annual fee				3,720
Total				4,265

Table A4. Summary of Sahuarita Highlands Water System (PWS No. 10-414) Water Testing Cost

Contaminant	Cost per test	No. of tests per 3 years	Total 3 year cost	Annual expense
Bacteriological - Total Coliform (monthly)	18	36	648	216
TTHMs & HAAs-annually	239	3	717	239
Lead & Copper	45	6	270	90
ADEQ MAP Annual fee				350
Total				895

F. ARIZONA DEPARTMENT OF WATER RESOURCES (“ADWR”) COMPLIANCE

Farmers Water is located in the Tucson Active Management Area (“AMA”) and is subject to its AMA reporting and conservation requirements. ADWR reported that Continental drinking water system is not in compliance with departmental requirements governing water providers and/or community water systems. (ADWR compliance status report dated December 26, 2013).

Staff recommends that any increase in rates and charges approved in this proceeding not become effective until the first day of the month following the Company’s filing of an updated ADWR Compliance Status Report indicating that the Company is in compliance with ADWR requirements.

G. ACC COMPLIANCE

A check with the Utilities Division Compliance Section showed that there are two (2) delinquencies for the Company.

In Decision No. 70462, the Commission ordered Farmers Water to file with Docket Control a copy of the ADEQ Approval to Construct for the facilities needed to serve the Conoa Preserve II development by August 6, 2010.

In Decision No. 70462, the Commission further ordered Farmers Water to file with Docket Control a copy of the developer's Certificate of Assured Water Supply for the Conoa Preserve II development by August 6, 2010.

On February 4, 2014, Farmers Water filed an application with the Commission to request the Commission provide authority for the Company to abandon and cancel its CC&N in the Extension Area approved by Decision No. 70462 which includes the Conoa Preserve II development. If the application is approved by the ACC, these delinquencies would be resolved.

H. DEPRECIATION RATES

In the prior rate case, the Company adopted Staff's typical and customary water depreciation rates. These rates are presented in Table H-1 and it is recommended that the Company continue to use these depreciation rates by individual National Association of Regulatory Utility Commissioners category.

I. CURTAILMENT, BACKFLOW PREVENTION AND BEST MANAGEMENT PRACTICE ("BMP") TARIFFS

Farmers Water has approved Curtailment and Backflow Prevention tariffs on file with the ACC.

Farmers Water does not have any Commission approved BMP tariffs. Staff recommends that the Company be required to file with Docket Control, as a compliance item in this docket, within 90 days of the effective date of this Decision, at least seven BMPs in the form of tariffs that substantially conform to the templates created by Staff for the Commission's review and consideration. The templates created by Staff are available on the Commission's website at <http://www.azcc.gov/Divisions/Utilities/forms.asp>. The Company may request cost recovery of actual costs associated with the BMPs implemented in its next general rate application.

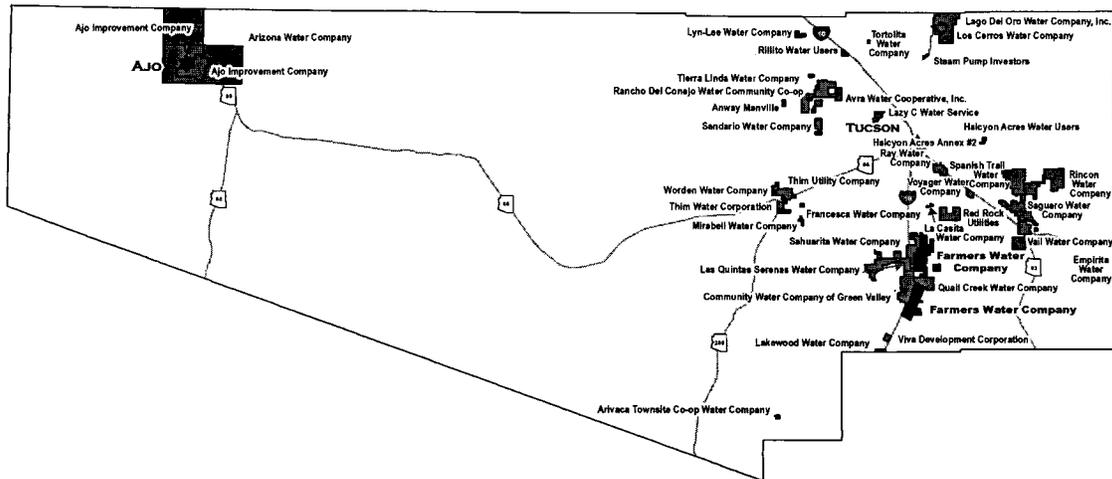
J. SERVICE LINE AND METER INSTALLATION CHARGES

The Company has not requested any changes in its service line and meter installation charges that were approved in its last rate application. Staff recommends continued use of the Company's current meter and service line installation charges.

Farmers Water Company
Docket No. W-01654A-13-0267

Exhibit JWL

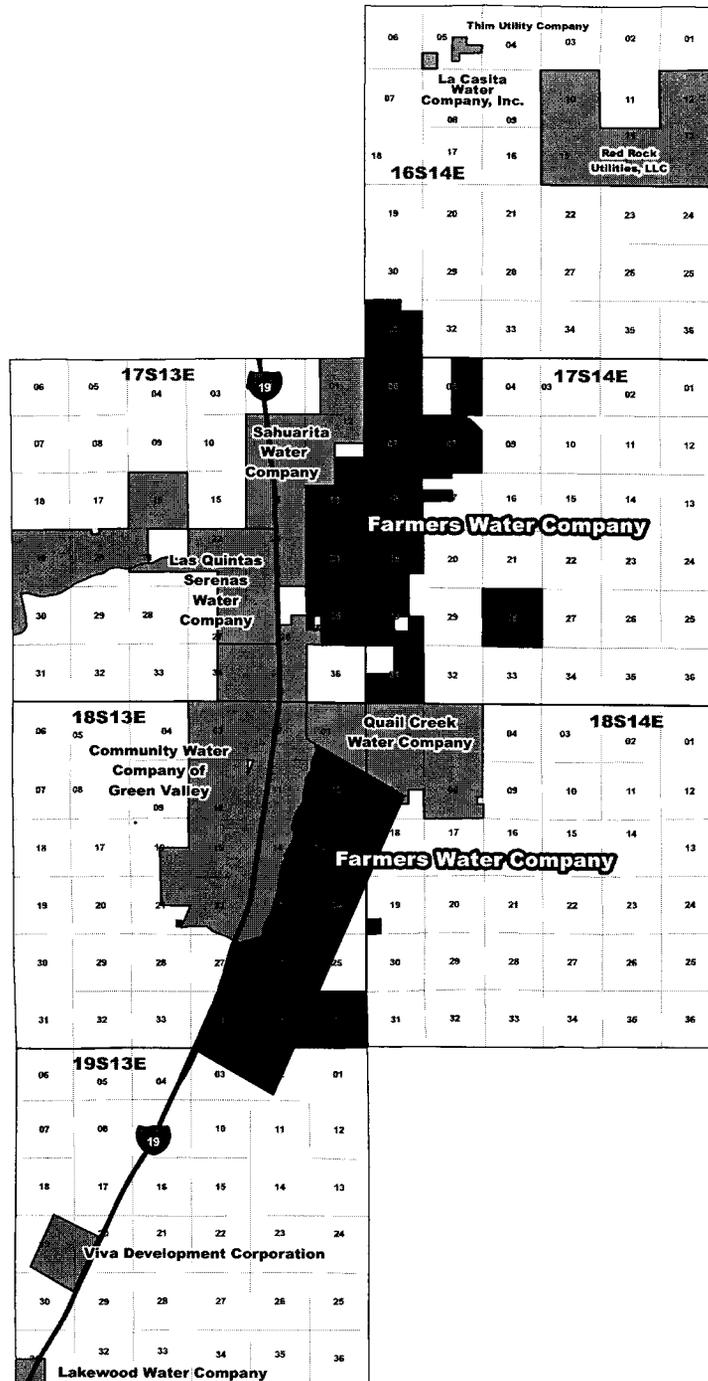
P I M A C O U N T Y



A-1. Pima County Map

Farmers Water Company
Docket No. W-01654A-13-0267

Exhibit JW



I

A-2. Certificated Area

Table H-1. Depreciation Rates

NARUC Acct. No.	Depreciable Plant	Average Service Life (Years)	Annual Accrual Rate (%)
304	Structures & Improvements	30	3.33
305	Collecting & Impounding Reservoirs	40	2.50
306	Lake, River, Canal Intakes	40	2.50
307	Wells & Springs	30	3.33
308	Infiltration Galleries	15	6.67
309	Raw Water Supply Mains	50	2.00
310	Power Generation Equipment	20	5.00
311	Pumping Equipment	8	12.5
320	Water Treatment Equipment		
320.1	Water Treatment Plants	30	3.33
320.2	Solution Chemical Feeders	5	20.0
330	Distribution Reservoirs & Standpipes		
330.1	Storage Tanks	45	2.22
330.2	Pressure Tanks	20	5.00
331	Transmission & Distribution Mains	50	2.00
333	Services	30	3.33
334	Meters	12	8.33
335	Hydrants	50	2.00
336	Backflow Prevention Devices	15	6.67
339	Other Plant & Misc Equipment	15	6.67
340	Office Furniture & Equipment	15	6.67
340.1	Computers & Software	5	20.00
341	Transportation Equipment	5	20.00
342	Stores Equipment	25	4.00
343	Tools, Shop & Garage Equipment	20	5.00
344	Laboratory Equipment	10	10.00
345	Power Operated Equipment	20	5.00
346	Communication Equipment	10	10.00
347	Miscellaneous Equipment	10	10.00
348	Other Tangible Plant	10	10.00