

Decision No. 59634**ORIGINAL**

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of  
 CLYDE L. GRANDBOIS and JESSE E.  
 McLAUGHLIN, a co-partnership, dba.  
 JACKSON WATER WORKS, for authority  
 to increase rates for water service  
 rendered in and in vicinity of the  
 City of Jackson, Amador County,  
 California.

Application No. 40671

Martin H. Ryan, for applicants.  
William Ascargorta, John Digitale, and James W. Nettle,  
 protestants.  
Martha Aragona, Interested Party.  
Alfred V. Day and L. L. Thormod, for the Commission staff.

O P I N I O N

By the above-entitled application filed December 16, 1958, Clyde L. Grandbois and Jesse E. McLaughlin, co-partners doing business as Jackson Water Works, seek authority to increase rates and charges for water service rendered in the City of Jackson, and vicinity, in Amador County. The rates proposed in the application are designed to produce approximately \$5,000, or 13 per cent more revenue from metered sales than the rates presently in effect. No increases in rates for either public or private fire protection service are requested.

Public Hearing

After due notice, a public hearing was held before Examiner E. Ronald Foster at Jackson on December 8 and 9, 1959, which was attended by a number of applicants' customers, some of

whom testified concerning the character of the service being rendered in relation to the charges for such service.

Applicants presented oral testimony by three witnesses, with supporting exhibits, respecting their operations. Two Commission staff witnesses also presented evidence, both oral and documentary, concerning the results of their independent studies and analyses of applicants' operations.

The matter was submitted subject to the late filing by the utility of an exhibit, which was received December 18, 1959; and the matter is now ready for decision.

Change in Ownership of the System

Water works supplying the City of Jackson have been in operation since some time prior to 1912, for which reason no certificate of public convenience and necessity has been required nor has one ever been requested. The water system was formerly owned and operated as a public utility by Mrs. Grace B. DePue until her death in 1944. Apparently through inadvertence, no application to this Commission was made for authority to transfer the said public utility water system to the present operators.

On the first day of hearing in the instant proceeding an amendment to the application was filed, requesting the Commission to authorize the transfer of the water system properties previously owned by Mrs. DePue to the applicants herein. Attached to the amendment as Exhibit "G" is a photostatic copy of an Order and Decree for Ratable Distribution in the Matter of the Estate of Grace Blair DePue, Deceased, Probate Case No. 2835, in the Superior Court of the

State of California, in and for the County of Amador. The said document, dated April 30, 1945, among other things, ordered distributed equally to Jesse E. McLaughlin and Clyde L. Grandbois:

"The business, plant, franchise, operating equipment and facilities, easements, rights and privileges, books, accounts and properties of the Jackson Water Works, a public service utility, supplying and distributing water to the City of Jackson, California and to the inhabitants thereof and various other users, owned and operated by decedent under the aforesaid name of Jackson Water Works."

Clyde L. Grandbois and Jesse E. McLaughlin each testified that they had accepted in good faith their part of the distribution ordered by the court, including the system known as the Jackson Water Works; that they understood that they were acquiring the duties and responsibilities of carrying on the operation of the system, as well as any rights and privileges in connection therewith; that they were unaware that such change in ownership and responsibility should have been authorized through proper request to this Commission; that they have conducted the business as co-partners since the death of the said Grace Blair DePue in 1944; and that it is their desire and intent to continue to operate the water system as a public utility.

The record shows that for many years, since about 1945, annual reports have been filed with the Commission by the said partners doing business under the name of Jackson Water Works; that prior to filing the instant application, the said partners have been before this Commission in connection with three proceedings concern-

ing the said Jackson Water Works<sup>1/</sup>; and that tariff schedules have been filed by them under that name and are now considered to be in effect for this utility.

Description of the System

Applicants' entire supply of water is obtained from a Pacific Gas and Electric Company ditch system, under the terms of a contract approved by the Commission. An 8-inch pipe 600 feet long delivers the water from the ditch into applicants' 4,000,000-gallon reservoir located at an elevation about 430 feet above the business section of Jackson, the water being chlorinated upon entering the reservoir. The entire service area is supplied by gravity flow from the reservoir. Because of the large differences in elevation, pressure reducing valves are installed on the transmission mains, thus dividing the service area into several zones.

As of December 31, 1958, the transmission and distribution system consisted of 70,673 feet of mains varying from 3/4-inch to 12-inch diameter, serving 815 customers, all metered, and 139 fire hydrants. Three of the hydrants are owned by the county, being located on the hospital grounds, all served through a 4-inch compound meter.

Accounting Records

The examination of applicants' records by Commission staff accountants revealed that they have not been maintained in accordance with the Uniform System of Accounts for Water Utilities prescribed

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<sup>1/</sup> See Decision No. 41767 dated June 22, 1948, in Application No. 29014; Decision No. 45188 dated December 27, 1950, in Application No. 31738; and Decision No. 47860 dated October 28, 1952, in Application No. 33742.

by the Commission; that certain utility plant expenditures have been charged to operating expenses; that plant additions financed by advances for construction have not been included in utility plant accounts; that certain retirements of plant have not been recorded; and that the utility has failed to record correctly the costs of water main relocation caused by new highway projects.

In connection with Application No. 29014, an appraisal of the utility plant was made by the Commission staff as of December 31, 1947. Gross utility plant was appraised at \$116,127, as compared to a recorded book value of \$129,185. The utility's books were not adjusted to agree with the appraised value.

In its report, introduced in the instant proceeding as Exhibit No. 7, the staff has made adjustments to record these properties at the estimated historical cost, together with the associated depreciation reserve requirement, as shown in the appraisal. These and various other adjustments are set forth and explained in considerable detail in Tables 2-A and 2-B of Exhibit No. 7. The over-all effect of the staff's adjustments results in a decrease in recorded utility plant of \$5,290 and a decrease in the reserve for depreciation of \$60,496, making an increase in net utility plant of \$55,206 as of December 31, 1958.

At the hearing, applicants testified to their willingness to accept the staff's recommendation that the adjusted utility plant and depreciation reserve balances as of that date, shown in the right-hand column of the said Table 2-A, be used as the basis for adjusting the various balance sheet accounts in applicants' books. Applicants also signified their intention of putting into practice the other staff recommendations pertaining to accounting procedures as set forth on page 17 of the said Exhibit No. 7.

Rates, Present and Proposed

Applicants' present rates for general metered and fire hydrant service have been in effect since July 13, 1948, as authorized by Decision No. 41767 in Application No. 29014; and the rate for private fire protection service, filed by Advice Letter No. 4, was made effective March 17, 1958. Following is a comparative tabulation of the present rates and those proposed by applicants for metered service:

		<u>Metered Service</u>			
<u>Item</u>	: <u>Monthly Rate</u> :			<u>Per Cent</u>	
	: <u>Present: Proposed:</u>		<u>Increase</u>		
Quantity Rate:					
First	600	cu.ft., or less	\$1.85	\$2.15	16.2%
Next	1,400	cu.ft., per 100 cu.ft.	.25	.28	12.0
Next	3,500	cu.ft., per 100 cu.ft.	.20	.23	15.0
Next	9,500	cu.ft., per 100 cu.ft.	.15	.17	13.3
Over	15,000	cu.ft., per 100 cu.ft.	.12	.14	16.7
Minimum Charge:					
For	5/8 x 3/4	-inch meter	1.85	2.15	16.2
For	3/4	-inch meter	2.25	3.00	33.3
For	1	-inch meter	3.50	5.00	42.9
For	1½	-inch meter	6.00	10.00	66.7
For	2	- inch meter	9.50	15.00	57.9
For	3	- inch meter	18.00	25.00	38.9
For	4	- inch meter	30.00	45.00	50.0

For the average monthly consumption of 1,300 cubic feet indicated by the metered water use analysis for the year 1957, the monthly water bill would be raised from \$3.60 at present rates to \$4.11 at the proposed rates, or an increase of 14.2 per cent.

Summary of Showings of Earnings

Evidence was presented by applicants' consulting engineer, the substance of his testimony being embodied in a "Statistical Report Showing Results of Operation for Years 1957 and 1958 and 1959 at Present and at Proposed Rates" (Exhibit No. 1). Experts of the Commission staff also presented a report (Exhibit No. 7) showing

the results of their independent investigation of applicants' operations for the year 1958 recorded and adjusted and for the year 1959 estimated. The earnings information contained in these reports for the years 1958 and 1959 is summarized in the following tabulation:

SUMMARY OF EARNINGS

<u>Item</u>	Year 1958 Recorded Staff Exh. 7	<u>Year 1958 Adjusted</u>			
		<u>Present Rates</u>		<u>Proposed Rates</u>	
		<u>Appl.</u>	<u>Staff</u>	<u>Appl.</u>	<u>Staff</u>
		<u>Exh. 1</u>	<u>Exh. 7</u>	<u>Exh. 1</u>	<u>Exh. 7</u>
Operating Revenues	\$41,007	\$37,510	\$39,200	\$42,806	\$44,700
Expenses					
Maint. and Oper.	23,812	23,508	23,170	23,508	23,170
Taxes Other Than Inc.	2,344	2,335	2,720	2,335	2,720
Taxes on Income	1,720	1,854	1,600	3,839	3,120
Depreciation	5,634	4,035	4,370	4,035	4,370
Total	33,510	31,732	31,860	33,717	33,380
Net Revenue	7,497	5,778	7,340	9,089	11,320
Depreciated Rate Base	-	107,538	121,820	107,538	121,820
Rate of Return	-	5.37%	6.03%	8.45%	9.29%
		<u>Year 1959 Estimated</u>			
Operating Revenues		\$39,702	\$40,000	\$45,327	\$45,600
Expenses					
Maint. and Oper.		24,360	23,800	24,360	23,800
Taxes Other Than Inc.		2,259	2,840	2,259	2,840
Taxes On Income		2,084	1,560	4,329	3,090
Depreciation		4,260	4,620	4,260	4,620
Total		32,963	32,820	35,208	34,350
Net Revenue		6,739	7,180	10,119	11,250
Depreciated Rate Base		117,273	127,450	117,273	127,450
Rate of Return		5.75%	5.63%	8.63%	8.83%

The report of applicants' engineer also contained a comparable summary of earnings based on the assumption that the utility had contracted one half of its new construction and charged ten per cent overhead for supervision of plant installation costs, instead of allocating a portion of its operating labor charges to plant when making installations with its own labor force. This summary shows a rate of return about 1.5 per cent lower at present rates and 0.8 per cent lower at proposed rates, than the corresponding rates of return shown in the foregoing tabulation. It was the engineer's opinion that applicants should contract more of their construction work to enable their limited labor force to spend more time on maintenance and repair work, to the end of rendering better service and overcoming grounds for certain types of customers' complaints. This witness also pointed out that salaries for the partners and employed personnel have not been increased for several years and are now at such a level that substantial increases are needed. If all of such increases were to be granted, they would amount to over \$2,500 per year. However, no portion of the recommended salary increase is reflected in the 1959 estimates of this witness.

Comparison of the staff's results of operation for the two test years of 1958 and 1959 shows a downward trend of 0.40% at present rates and 0.46% at proposed rates. A staff witness testified that it is anticipated that the indicated downward trend in rate of return will continue under the normal growth pattern.

The staff also introduced a supplemental study (Exhibit No. 8) to show the effect of making a probable main extension into the so-called south Jackson area, in the vicinity of the intersection of French Bar Road and State Highway No. 49, to serve initially 14 new customers who are collectively negotiating with



applicants for such service. This study shows that the rates of return would be about 0.2% lower than those shown in the foregoing tabulation.

Analysis of the two basic presentations by applicants' engineer and by the staff for the estimated year 1959 reveals certain variances, most of which are reconcilable. Applicants' showing does not include adjustments similar to those made by the staff, hereinabove discussed, particularly those pertaining to items which had been recorded as operating expenses and which should be included in utility plant. This largely explains the staff's smaller amount for maintenance and operating expenses and the staff's somewhat larger rate base. The staff's treatment of depreciation expense and the resulting depreciation reserve is consistent with its adjusted plant figures. The staff's computations of taxes, both income and other, reflect tax rates applicable to partnership operations and taxable bases which will become effective on January 1, 1960. In general, the staff's estimates appear to be the more consistent and realistic and they will be adopted for the purposes of testing the reasonableness of the rates for water service to be authorized herein.

Any increase in water rates can be made effective only for future operations in years following those upon which applicants' operations have been analyzed. A careful review of the staff's showing for the two test years 1958 and 1959 and of all other factors pertaining to applicants' future operations, as revealed by the record herein, indicates that a decline of about 0.6 per cent in the rate of return may be expected to occur within the next twelve months.

Customer Participation and Service

Several customers testified in regard to pressure and service conditions existing on their premises and contended that the service being rendered does not warrant the proposed increase in the water rates. Particular complaint was made about the drop in pressure at periods of high consumption from the water mains on Stacel Avenue and North Main Street. Witnesses for both the staff and the applicants also testified concerning the results of their investigations of service conditions at critical points of the distribution system.

Charts taken on several days in August, 1959, show pressures at various points on the water main in North Main Street ranging from 65 to 95 pounds per square inch under normal conditions. However, under conditions of heavy flow, such as that resulting from a fire hydrant or the simultaneous demand of many customers on a hot day, the evidence shows severe drop on pressure due to the length and size of the main. To relieve this situation, applicants plan to make an interconnection toward the end of the main so as to provide greater volume of water by supplying it from both directions.

The testimony further shows that the deficiency in the supply of water to any particular premises may be due either to corrosion in the service pipe from the main to the property line or to conditions existing in the customer's own piping, or both. The record shows that applicants have recently replaced a number of service connections to rectify such conditions. The record further shows that applicants have progressively replaced existing mains with pipes of large capacity. It appears that applicants intend to

continue such replacements in the future, where necessary, so far as time and finances will permit.

Mrs. Martha Aragona testified on behalf of herself and a number of other parties owning property in the so-called South Jackson area which is presently beyond applicants' existing service area. She testified that efforts to obtain service had been unavailing. Applicants testified to their willingness to extend service to this area in accordance with the terms and conditions of their main extension rule, which requires an advance to be made by those desiring such service, on a pro-rata basis, which advance would be refunded as provided by the rule. This situation appears to come within the applicants' rules on file with the Commission and requires no further action as a part of the present proceeding.

Recommendations

The staff made recommendations pertaining to depreciation practices and the filing of up-to-date maps, rules governing customer relations revised to reflect present-day operating practices, and sample copies of printed forms that are normally used in conjunction with customer service.

The staff also recommended that applicants study the required frequency of flushing the numerous dead-end mains in the distribution system and institute a comprehensive main flushing program in order to maintain the proper quality of water served therefrom.

In accordance with a further recommendation, applicants are hereby placed on notice that they should henceforth meet the requirements of the Commission's General Order No. 103, with

particular reference to paragraphs I-2, I-3, I-8, and I-9 thereof in respect to service interruptions, pressure surveys, recording customer complaints and reporting accidents.

Although applicants have requested increased rates only for general metered service, the order herein will require the re-filing of rate schedules for private fire protection service and for public fire hydrant service to conform more closely with similar schedules filed by other water utilities, but including the same rates as those heretofore authorized and on file for this utility.

Findings and Conclusions

A review of the record in this matter leads us to the conclusion and we hereby find that applicants Clyde L. Grandbois and Jesse E. McLaughlin, as legatees named in the will of Grace Blair DePue, received in good faith the physical properties comprising the water system rendering service in the City of Jackson, and vicinity, in Amador County, and that they have held and are holding themselves out to serve water as a public utility in said area. Therefore, the Commission finds and concludes that said Clyde L. Grandbois and Jesse E. McLaughlin, co-partners doing business as the Jackson Water Works, by reason of their owning, controlling, operating and managing the said water system, are a public utility subject to the jurisdiction, control and regulation of this Commission.

The Commission further finds and concludes that the estimates of operating revenues, expenses, including taxes and depreciation, and the rate bases as developed by the staff for the test years 1958 and 1959 are reasonable and they will be and hereby are adopted for the purposes of this proceeding.

The evidence demonstrates that applicants are in need of and entitled to increased revenue. The revenues which applicants' proposed rates will produce, however, are greater than, and the resulting rate of return on the adopted rate base is in excess of, those which are reasonable.

In view of all of the evidence, we find that applicants are entitled to a portion of the relief sought and that an order should be issued revising and increasing the rates for general metered water service to the extent set forth in Appendix A following the order herein. It is estimated that the rates hereinafter authorized would have produced for the year 1959 total operating revenues of about \$43,400, had such rates been made effective for that year, which revenues are \$3,400, or approximately 8.5 per cent, more than those estimated to be obtainable from rates presently in effect. After due allowance for all reasonable operating expenses, taxes, and depreciation, amounting to \$33,700, the resulting net revenue of \$9,700 represents a rate of return of 7.6 per cent on the depreciated rate base of \$127,450. In view of an indicated decline of 0.6 per cent in the rate of return during the next twelve months, the Commission concludes that the water rates authorized herein will produce earnings sufficient to afford applicants an opportunity to earn a rate of return of 7.0 per cent for the immediate future, which rate of return we find to be fair and reasonable.

Accordingly, the Commission further finds as a fact that the increases in rates and charges authorized herein are justified, that the rates and charges authorized herein are reasonable, and that the present rates and charges, insofar as they differ from those herein prescribed, are for the future unjust and unreasonable.

O R D E R

The above-entitled application having been considered, a public hearing having been held, the matter having been submitted and now being ready for decision,

IT IS HEREBY ORDERED that:

1. The transfer of the water system properties described in the foregoing opinion and formerly owned and operated by Grace Blair DePue, deceased, to Clyde L. Grandbois and Jesse E. McLaughlin under the terms of the court order by which the estate of said Grace Blair DePue was distributed, a copy of which document is attached, as Exhibit "G", to the amendment filed herein, is hereby authorized.

2. Applicants Clyde L. Grandbois and Jesse E. McLaughlin, ~~as partners doing business as Jackson Water Works,~~ are authorized to file in quadruplicate with this Commission, after the effective date of this order and in conformance with the provisions of General Order No. 96, the schedules of rates attached to this order as Appendix A and, on not less than five days' notice to this Commission and to the public, to make such rates effective for all service rendered on and after March 1, 1960.

3. Within forty-five days after the effective date of this order, applicants shall file in quadruplicate with this Commission, in conformity with the provisions of General Order No. 96, rules governing customer relations revised to reflect present-day operating practices, a revised tariff service area map acceptable to the Commission and sample copies of printed forms normally used in connection with customers' services. Such rules, tariff service

area map and forms shall become effective upon five days' notice to the Commission and to the public after filing as hereinabove provided.

4. Within sixty days after the effective date of this order, applicants shall file with this Commission four copies of a comprehensive map drawn to an indicated scale not smaller than 400 feet to the inch, delineating by appropriate markings the various tracts of land and territory served, the principal water production, storage, and distribution facilities, and the location of the various water system properties of applicants.

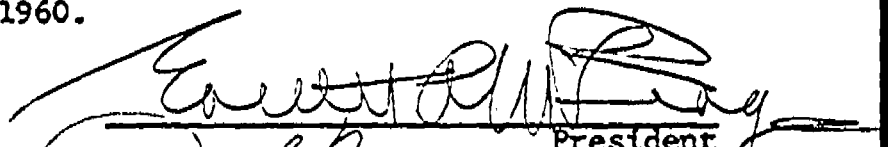

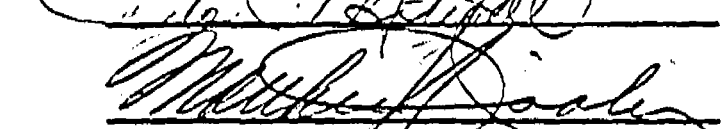
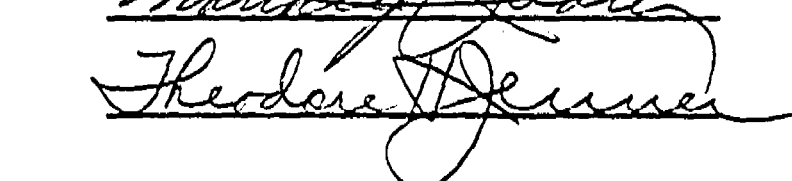
5. Beginning with the year 1959, applicants shall base the accruals to the depreciation reserve upon spreading the original cost of the plant, less estimated future net salvage and depreciation reserve, over the remaining life of the plant, and shall use the depreciation rates shown in Table 7-A on page 29 of Exhibit 7 of the instant proceeding. These rates shall be used until a review indicates that they should be revised. Applicant shall review the depreciation rates when major changes in plant composition occur and for each plant account at intervals of not more than five years. Results of these reviews shall be submitted to the Commission.

6. Applicants shall study the locations and frequency of flushing requirements to maintain proper quality of water served from the numerous dead-end mains existing in the distribution system and shall institute the necessary comprehensive water main flushing program within ninety days after the effective date of this order.

Applicants shall report to the Commission, in writing, within ten days after the said flushing program has been instituted, including such details as the locations of the flushing points, the length and size of the dead-end mains, and the approximate dates or periods pertaining to the flushing thereof.

The effective date of this order shall be fifteen days after the date hereof.

Dated at San Francisco, California, this 9<sup>th</sup>  
day of FEBRUARY, 1960.

  
President  
  
  
  
Commissioners

Commissioner C. Lyn Fox, being  
necessarily absent, did not participate  
in the disposition of this proceeding.



APPENDIX A  
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## Schedule No. 1

GENERAL METERED SERVICEAPPLICABILITY

Applicable to all metered water service.

TERRITORY

The City of Jackson and vicinity, Amador County.

RATES

Per Meter  
Per Month

## Quantity Rates:

First 600 cu.ft. or less .....	\$ 2.00
Next 1,400 cu.ft., per 100 cu.ft. ....	.27
Next 3,500 cu.ft., per 100 cu.ft. ....	.22
Next 9,500 cu.ft., per 100 cu.ft. ....	.16
Over 15,000 cu.ft., per 100 cu.ft. ....	.13

## Minimum Charge:

For 5/8 x 3/4-inch meter .....	\$ 2.00
For 3/4-inch meter .....	3.00
For 1-inch meter .....	5.00
For 1½-inch meter .....	9.00
For 2-inch meter .....	14.00
For 3-inch meter .....	23.00
For 4-inch meter .....	37.50

The Minimum Charge will entitle the customer to the quantity of water which that minimum charge will purchase at the Quantity Rates.

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Schedule No. 4

PRIVATE FIRE SPRINKLER SERVICE

APPLICABILITY

Applicable to all water service furnished for privately owned fire sprinkler systems.

TERRITORY

The City of Jackson and vicinity, Amador County.

RATE

Per Month

For each inch of diameter of fire sprinkler service ... \$1.00

SPECIAL CONDITIONS

1. The customer will pay, without refund, the entire cost of installing the fire sprinkler service.
2. The minimum diameter for fire sprinkler service will be 4 inches and the maximum diameter will be not more than the diameter of the main to which the service is connected.
3. The customer's installation must be such as to effectively separate the fire sprinkler system from that of the customer's regular water service. As a part of the sprinkler service installation there shall be a standard detector type meter approved by the Board of Fire Underwriters, which will indicate the use of water. Any unauthorized use will be charged for at the regular established rate for General Metered Service, and may be grounds for the utility to discontinue the fire sprinkler service without liability to the utility.
4. There shall be no cross-connection between the fire sprinkler system supplied by water through the utility's fire sprinkler service to any other source of supply without the specific written approval of the utility. This specific written approval will require, at the customer's expense, a special double check valve installation or other device acceptable to the utility. Any such unauthorized cross-connection may be grounds for the utility to immediately discontinue the sprinkler service without liability to the utility.

(Continued)

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Schedule No. 4 (Continued)

PRIVATE FIRE SPRINKLER SERVICE

5. If a distribution main of adequate size to serve a private fire service in addition to all other normal service does not exist in the street or alley adjacent to the premises to be served hereunder, then a service main from the nearest existing main of adequate capacity will be installed by the utility at the cost of the applicant. The amounts paid by the applicants hereunder to establish private fire protection service shall not be subject to refund.

6. The utility will supply only such water at such pressure as may be available from time to time as a result of its normal operation of the system.

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## Schedule No. 4H

PRIVATE FIRE HYDRANT SERVICEAPPLICABILITY

Applicable to all water service furnished for privately owned fire hydrants.

TERRITORY

The City of Jackson and vicinity, Amador County.

RATESPer Hydrant Per Month

			<u>Minimum Size of Main Supplying Hydrant :</u>				
: Type :	Size :	Number :	: 4" and :	6" and :	8" and :	10" :	
: of :	of :	of :	: Under :	less :	less :	less :	: and :
: Hydrant :	Connection :	Outlets :	4" :	than 6" :	than 8" :	than 10" :	Larger :
Wharf	Under 4-inch	1	\$1.00	\$1.00	\$1.25	\$1.50	\$1.50
Wharf	4-inch	1	1.00	1.25	1.50	1.75	2.00
Barrel	4-inch	1	-	1.25	1.50	1.75	2.25
Barrel	4-inch	2	-	1.25	1.50	2.00	2.50
Barrel	6-inch	2	-	1.50	1.75	2.25	2.75
Barrel	6-inch	3	-	1.75	2.00	2.50	3.00

SPECIAL CONDITIONS

1. Private fire hydrants will be attached to the utility's distribution mains for private fire hydrant service at the expense of the customer upon receipt of written request. Such request must designate the type of hydrant, size of connection, number of outlets, and specific location at which each is to be installed.

2. For water delivered for other than fire protection purposes, charges will be made at the quantity rates under Schedule No. 1, General Metered Service.

3. Hydrants are to be owned by the customer and will be installed and

(Continued)

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Schedule No. 4H (Continued)

PRIVATE FIRE HYDRANT SERVICE

maintained at the expense of the customer. The utility will install, own and maintain the tee in the main to which the hydrant is attached.

4. Relocation of any hydrant will be at the expense of the party requesting relocation.

5. The utility will supply only such water at such pressure as may be available from time to time as the result of its normal operation of the system.

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## Schedule No. 5

PUBLIC FIRE HYDRANT SERVICEAPPLICABILITY

Applicable to all public fire hydrant service furnished to the City of Jackson.

TERRITORY

The City of Jackson, Amador County.

RATESPer Hydrant Per Month

				<u>Minimum Size of Main Supplying Hydrant:</u>				
: Hydrant:	Type :	Size :	Number :	: 4" and :	: 6" and :	: 8" and :	: 10" :	:
: Owned :	of :	of :	: of :	: Under:	: less :	: less :	: less :	: and :
: By :	: Hydrant:	: Connection:	: Outlets:	: 4" :	: than 6" :	: than 8" :	: than 10" :	: Larger :
City	Wharf	Under 4-in.	1	\$1.00	\$1.00	\$1.25	\$1.50	\$1.50
Utility	Wharf	Under 4-in.	1	1.25	1.25	1.50	1.75	1.75
City	Wharf	4-inch	1	1.00	1.25	1.50	1.75	2.00
Utility	Wharf	4-inch	1	1.25	1.50	1.75	2.00	2.25
City	Barrel	4-inch	1	-	1.25	1.50	1.75	2.25
Utility	Barrel	4-inch	1	-	1.75	2.00	2.25	3.00
City	Barrel	4-inch	2	-	1.25	1.50	2.00	2.50
Utility	Barrel	4-inch	2	-	2.00	2.25	2.75	3.25
City	Barrel	6-inch	2	-	1.50	1.75	2.25	2.75
Utility	Barrel	6-inch	2	-	2.25	2.50	3.00	3.50
City	Barrel	6-inch	3	-	1.75	2.00	2.50	3.00
Utility	Barrel	6-inch	3	-	2.50	3.00	3.50	4.00

SPECIAL CONDITIONS

1. For water delivered for other than fire protection purposes, charges will be made at the quantity rates under Schedule No. 1, General Metered Service.

(Continued)

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Schedule No. 5 (Continued)

PUBLIC FIRE HYDRANT SERVICE

2. Fire hydrants will be installed and owned as designated by proper resolution passed by the Jackson City Council. Said resolution must designate the type of hydrant, size of connection, number of outlets, and specific location at which each is to be installed.

3. Hydrants owned by the city will be installed and maintained at the expense of the city. The utility will install and own the tee in the main.

4. Hydrants owned by the utility will be installed and maintained at its expense.

5. Relocation of any hydrant shall be at the expense of the party requesting relocation.

6. The utility will supply only such water at such pressure as may be available from time to time as the result of its normal operation of the system.