

BEFORE THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of WILLIAM G. HENSHAW
and ED FLETCHER, surviving co-partners, doing business
under the firm name and style of the CUYAMACA WATER
COMPANY, for an order authorizing and permitting an in-
crease in the rentals, tolls and charges for water furnished by
them and service rendered by them in furnishing water in the
County of San Diego, State of California.

APPLICATION
No. 8451

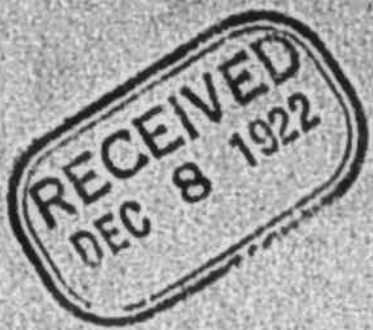
NOTICE OF HEARING

NOTICE IS HEREBY GIVEN that this Company has made application to the Railroad Commission for authority to increase the rentals, tolls and charges for water furnished and service rendered by them in furnishing water in the County of San Diego, State of California. The Commission has set a hearing in said matter before Commissioner Martin on Tuesday, February 6, 1923, at 2:00 P. M., in the Federal Building, at San Diego, California, and has directed that we notify all of our consumers of the time and place of said hearing, in order that they may appear and be heard, should they so desire.

CUYAMACA WATER COMPANY,

LOU B. MATHEWS,

Secretary.



BEFORE THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA.

In the Matter of the Application of WILLIAM G. HENSHAW and ED FLETCHER, surviving partners, doing business under the firm name and style of the CUYAMACA WATER COMPANY, for an order authorizing and permitting an increase in the rentals, tolls and charges for water furnished by them and service rendered by them in the furnishing of water in the County of San Diego, State of California.

Application No. 8451.

NOTICE OF HEARING

To-

Cuyamaca Water Company, San Diego, California.
William G. Henshaw, Corporation Building,
Los Angeles, California.
Ed Fletcher, Fletcher Bldg., San Diego, Calif.

And their Attorneys,

Crouch & Sanders, 661-663 Spreckels Bldg.,
San Diego, California.

City Attorney, San Diego, California.

Board of Supervisors, San Diego, California.

You and each of you are hereby notified that the Railroad Commission of the State of California has met a hearing in the above entitled matter before Commissioner Martin on Tuesday, February 6th, 1923, at 2:00 P.M., in the Federal Building, at San Diego, California, at which time and place you may appear and be heard.

By order of the Railroad Commission.

Dated at San Francisco, California, this 6th day of December, 1922.

H. G. MATHEWSON, Secretary,
Railroad Commission of the
State of California.

(S E A L)

Copy to Custodian
Federal Building.

BEFORE THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA

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In the Matter of the Application of
WILLIAM G. HENSHAW and ED FLETCHER,
surviving co-partners, doing business
under the firm name and style of the
GUYAMACA WATER COMPANY, for an order
authorizing and permitting an in-
crease in the rentals, tolls, and
charges for water furnished by them
and service rendered by them in
furnishing water in the County of
San Diego, State of California.

Application No. 8451

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AFFIDAVIT OF MAILING NOTICES OF HEARING

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State of California }
County of San Diego } SS

LOU B. MATHEWS, being first duly sworn, deposes and
says:

That he is the secretary of the Guyamaca Water
Company, the co-partnership named in the foregoing entitled
matter. That on the 27th day of January 1933, he deposited
in the United States mail at San Diego, California, postage
prepaid, addressed to all of the patrons of said Company who
would be affected by the above entitled application for
increase in rentals, tolls and charges, a notice of the
hearing thereof. That a true and correct copy of such
notices so mailed is attached hereto and by reference thereto
made a part hereof.

LOU B. MATHEWS

Subscribed and sworn to before me
this 27th day of January 1933.

J. R. BEARDSLEY
Notary Public in and for the
County of San Diego, State of Calif.

COPY

Copy of Notice for Mailing



BEFORE THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA.

In the Matter of the Application of)
WILLIAM G. HENSHAW and ED FLETCHER,)
surviving co-partners, doing business)
under the firm name and style of the)
CUYAMACA WATER COMPANY, for an order)
authorizing and permitting an increase)
in the rentals, tolls and charges for)
water furnished by them and service)
rendered by them in furnishing water)
in the County of San Diego, State of)
California.)

Application No. 8451.

NOTICE OF HEARING

NOTICE IS HEREBY GIVEN that this Company has made application to the Railroad Commission for authority to increase the rentals, tolls and charges for water furnished and service rendered by them in furnishing water in the County of San Diego, State of California. The Commission has set a hearing in said matter before Commissioner Martin on Tuesday, February 6, 1923, at 2:00 P.M., in the Federal Building, at San Diego, California, and has directed that we notify all of our consumers of the time and place of said hearing, in order that they may appear and be heard, should they so desire.

CUYAMACA WATER COMPANY.

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IN THE MATTER OF THE APPLICATION OF
JAMES A. MURRAY, WILLIAM G. HENSHAW,
AND ED FLETCHER, CO-PARTNERS, DOING
BUSINESS UNDER THE FIRM NAME AND STYLE
OF THE CUYAMACA WATER COMPANY, FOR AN
ORDER AUTHORIZING AND PERMITTING AN
INCREASE IN THE RENTALS, TOLLS, AND
CHARGES FOR WATER FURNISHED BY THEM
AND SERVICE RENDERED BY THEM IN FURNISH-
ING WATER IN THE COUNTY OF SAN DIEGO,
STATE OF CALIFORNIA.

No. _____

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A P P L I C A T I O N

The petition of James A. Murray, William G. Henshaw,
and Ed Fletcher respectfully shows:

I

That the applicants, James A. Murray, William G.
Henshaw and Ed Fletcher, are co-partners, doing business under
the firm name and style of the Cuyamaca Water Company, and are
engaged in the business of impounding, distributing and selling
water for irrigation, domestic, and other purposes, in the County
of San Diego and State of California.

II

That the post office address of each applicant is as
follows:

James A. Murray, Monterey, California;

William G. Henshaw, Title Insurance Building, Los Angeles,
California;

Ed Fletcher, Fletcher Building, San Diego, California.

That they are joint applicants herein, and the name and address
of their attorney is as follows:

Charles C. Crouch, Owl Building, San Diego, California.

III

Annexed hereto, marked "Exhibit A", and made a part
hereof, is a financial statement of the said co-partnership

prepared as of the first day of April, 1919.

IV

Annexed hereto, marked "Exhibit B", and made a part hereof, is a schedule of their present rates, tolls, rentals and charges.

V

Annexed hereto, marked "Exhibit C", and made a part hereof, is a statement showing the result of operation under the said rates for a period of two years.

VI

Annexed hereto, marked "Exhibit D", and made a part hereof, is a description of the real property owned by the Cuyamaca Water Company and used in the impounding of its water supply.

VII

Annexed hereto, marked "Exhibit E", and made a part hereof, is a schedule of their rights of way, floodage, and riparian rights.

VIII

Annexed hereto, marked "Exhibit F", and made a part hereof, is a schedule of their water appropriations.

IX

Annexed hereto, marked "Exhibit G", and made a part hereof, is a schedule of their physical structures and improvements.

X

Annexed hereto, marked "Exhibit H", and made a part hereof, is an appraisal of their said properties.

XI

Annexed hereto, marked "Exhibit I", and made a part hereof, is a statement showing the cost of the said properties plus interest at 8% per annum, compounded annually from January 1, 1910 to April 1, 1919.

XII

That applicants desire to increase their rates, fares, tolls, rentals, and charges, for the reason that the present income from the said system, as shown by their said financial statement, is not sufficient to pay for the maintenance and operation thereof.

~~WHEREFORE~~, applicants ask that the Railroad Commission of the State of California make its order authorizing the applicants to increase their fares, rates, tolls, rentals and charges to an amount sufficient to provide for the maintenance, operation, and depreciation of their said properties, plus a reasonable rate of interest upon the value thereof as heretofore determined by your Honorable Body.

CUYAMACA WATER COMPANY,

By ED FLETCHER
Manager.

CHARLES C. CROUCH

Attorney for Applicants
Address: Owl Drug Bldg., San Diego, Cal.

STATE OF CALIFORNIA,)
) ss.
COUNTY OF SAN DIEGO,)

Ed Fletcher, being first duly sworn, deposes and says:

That he is one of the co-partners of the Cuyamaca Water Company; that he has read the foregoing application and known the contents thereof; and that the facts therein stated are true.

(Signed) ED FLETCHER

Subscribed and sworn to before me

this 4th day of April, 1929.

SEAL

(Signed) Lou B. Mathews
Notary Public in and for the County
of San Diego, State of California.

EXHIBIT "A"

CUYAMACA WATER COMPANY

Financial Statement.

- (a) Amount and kind of stock authorized None
- (b) Amounts and kinds of stock issued and outstanding. None
- (c) Terms of preference of preferred stock whether cumulative or participating, or on dividends or assets, or otherwise, None
- (d) Brief description of each mortgage upon property of applicant:

Date of Execution	Mortgagor	Mortgagee	Amount	<u>Sinking Fund provisions</u>
March 22, 1917	(James A. Murray Ed Fletcher William G. Henshaw)	James A. Murray, Agent	100,000.00	None

- (e) Number and amount of bonds authorized, None

- (f) Notes outstanding

<u>In favor of</u>	<u>Date of Issue</u>	<u>Date Due</u>	<u>Rate of Interest</u>	<u>Amount</u>	<u>Interest paid during last fiscal year.</u>
Winter, George	April 4, 1912	April 4, 1914	6%	71,655.84	None
Murray, Alexander	Feb. 6, 1913	Feb. 6, 1914	6%	52,553.00	"
Murray, "	July 2, 1913	July 2, 1914	6%	10,000.00	"
Murray, "	March 23, 1914	March 23, 1915	6%	100,158.92	"
Murray, James A. Agt	Mar. 22, 1917	March 22, 1919	7%	100,000.00	"
First National Bank					
of San Diego	Dec. 19, 1918	March 19, 1919	6%	5,000.00)	
" " "	Jan. 21, 1919	April 21, 1919	6%	5,000.00)	836.65
" " "	Feb. 7, 1919	May 8, 1919	6%	5,000.00)	
San Diego Cons. Gas & Electric Co.	Jan. 21, 1919	April 21, 1919	7%	4,000.00	332.50

- (g) Other Indebtedness

Sharp & Fellows Contracting Company, Balance due for construction of Murray Dam 12,500.00

- (h) Rate and amount of dividends paid during five previous fiscal years . . None
 - 1914 None
 - 1915 "
 - 1916 "
 - 1917 "
 - 1918 "

- (i) For a detailed statement of earnings and expenditures for an balance sheet showing conditions at close of the last fiscal year: On March 24, 1919, this Company filed with your Honorable Commission its annual report for the year ending December 31, 1918, said report being dated March 18, 1919, and to which reference is made.

RATES AND RULES
OF THE
Cuyamaca Water Company
San Diego, California

**Rates, Rules and Regulations accepted for
Filing by the State Railroad Com-
mission March 8, 1917**

**SUPERSEDE ALL PREVIOUS RATES
AND RULES**

President—James A. Murray.

Manager—Ed. Fletcher.

Assistant Manager—F. M. Faude.

**Office, 924 8th St., Room 28—San Diego
Cal.**

Hours, 10 a. m. to 4 p. m.

Phone, Sunset, Main 2746.

Secretary—Lou B. Mathews.

Office, 916 8th St., San Diego, Cal.

Hours, 9 a. m. to 5 p. m.

Phones, Sunset Main 5345; Home 6016.

Superintendent—C. Harritt.

La Mesa, California.

Residence, Eucalyptus Dam.

**Phones, Sunset La Mesa 48-J-2; Home
La Mesa 28-71.**

RATES

Effective April 1, 1917, the following rates shall be in force:

SCHEDULE A—DOMESTIC SERVICE

Monthly Minimum Charges

Inside Diameter of service $\frac{3}{4}$ inch and less	\$1.00
Inside Diameter of service 1 inch	1.25
Inside Diameter of service $1\frac{1}{2}$ inch	1.75
Inside Diameter of service 2 inches	3.25
Inside Diameter of service 3 inches and larger	4.00

Where consumers have more than one service the minimum shall apply to each service in use

FOR ALL WATER USED

Between 0 and 1,000 cubic feet	\$0.25 per 100 cu. ft. per month
Between 1,000 and 5,000 cubic feet	0.15 per 100 cu. ft. per month
Between 5,000 and 100,000 cubic feet	0.12 per 100 cu. ft. per month
All over 100,000 cubic feet	0.08 per 100 cu. ft. per month

SCHEDULE B—IRRIGATION SERVICE

Monthly Minimum Charges for Consumers on Pipe Lines—West of Eucalyptus Reservoir

Inside Diameter of Service $\frac{3}{4}$ inch or less	\$1.00
Inside Diameter of Service 1 inch	1.25
Inside Diameter of Service $1\frac{1}{2}$ inches	1.75
Inside Diameter of Service 2 inches	3.25
Inside Diameter of Service 3 inches and larger	4.00

Where consumers have more than one service the minimum shall apply to each service.

Monthly Minimum Charges for Consumers Served Through Measuring Boxes on the Flume or Tributary Lines

For Indians on El Capitan Indian Reservation

For all other services

No Charge

Where consumers have more than one service the minimum shall apply

to each service.

FOR ALL WATER USED

Between 0 and 1,000 Cubic Feet	\$0.25 per 100 cu. ft. per month
Between 1,000 and 2,000 Cubic Feet	0.15 per 100 cu. ft. per month
All over 2,000 Cubic feet02 $\frac{1}{2}$ per 100 cu. ft. per month

The above rates shall apply to all consumers except Indians on El Capitan Reservation, to whom no charge shall be made.

SCHEDULE C—PUBLIC SERVICE

For All Water Used

For Road and Street Sprinkling and Sewer Flushing \$0.12 per 100 Cu. Ft. per month.

For each Fire Hydrant the monthly minimum charge, which includes monthly payment for all water used through such hydrant strictly for fire service, shall be

\$2.00

Other public use, except service to the City of San Diego, shall be at the rates established for domestic service.

CUYAMACA WATER COMPANY RULES AND REGULATIONS

The following Rules and Regulations, adopted by the Cuyamaca Water Company, and accepted for filing by the Railroad Commission of the State of California, in conformity with the Public Utility Laws of the State, are effective from and after April 1, 1917.

Rule 1—Application for Services.

(a) All applications for service shall be made in writing at the office of the company.

(b) An applicant for service shall establish credit by one of the following methods:

(1) **Owning the premises—**(ownership of the premises shall be regarded as established only when deed has actually been given to applicant.)

(2) **Making a cash deposit—**such deposit for domestic service shall be \$2.50. Cash deposits for irrigation service shall be as nearly as possible twice the average monthly bill.

(3) **Furnishing a guarantor** satisfactory to the Company.

(c) The Company may refuse to make any service connection when not satisfied that the service will be actually used in the immediate future. In case the applicant for service is not satisfied with the Com-

pany's ruling, the matter may be referred to the Commission for determination.

Rule 2—Charges for Installation of Services and Extensions of Mains.

(a) For each permanent service connection and meter, for either domestic or irrigation use, no charge shall be made.

(b) For each sprinkling or fire hydrant; the full cost of the installation shall be paid by the applicant and shall be credited by the Company on water bills in the succeeding months.

(c) For each temporary service connection the net cost of installing and removing same shall be paid by the applicant.

(d) The Company will make extensions of mains in streets at its own cost, provided the total length of such extension, for each consumer, does not exceed 50 feet. For all extensions beyond 50 feet per consumer, such extension shall be made by the Company, but the first cost shall be paid by the consumer; and the amount so paid will be returned by the Company when the average revenue per month for water used along the extension for four consecutive months shall equal 2% of the deposit.

(e) In any case in which the construction of an extension will, in the opinion of the Company, work an undue hardship upon it or its existing consumers, or cause the Company to enter undesirable territory, and a satisfactory adjustment cannot be made between the Company and the applicant, then the matter shall be referred to the Railroad Commission for determination.

Rule 3—Extensions of Mains by Consumers.

No consumer on the Company's system shall make any extension of mains or service pipes, either in streets, alleys or across private property, to serve other persons, without the written consent of the Company. Violation of this rule will cause the service to such consumer to be discontinued until a satisfactory settlement shall be reached.

Rule 4—Payment of Water Bills.

(a) All water bills are payable monthly, are due on the 1st day of the month and payable at the office of the Company at 916 Eighth Street, San Diego, California.

(b) If not paid on or before the 10th day of the month, the account becomes delinquent and a penalty of 10 per cent, with a minimum of 25 cents, shall be added.

(c) After the 10th day of the month, no payments will be accepted unless the penalty is included, regardless of whether or not consumers have received their bills.

(d) If a consumer, who has established his credit in accordance with Rule 1, fails to pay his bill on or before the 10th day of the month, the Company will demand, as guaranty for the payment of future bills, a cash deposit as provided in Rule 1. On the 11th of each month, or as soon thereafter as possible, written demand for such cash deposit shall be sent to each delinquent consumer with notice that, should cash deposit not be made within 15 days, water will be shut off.

(e) If a consumer who has made a cash deposit fails to pay his bill on or before the

10th of the month, the Company will apply the deposit in so far as is necessary to liquidate the bill and will require that the deposit be restored to its original amount.

On the 11th of each month, or as soon thereafter as is possible, written demand for the restoration of the cash deposit shall be sent each consumer whose deposit has been drawn upon for the payment of delinquent bills with notice that, should deposit not be restored, water will be shut off when deposit is entirely absorbed, but in no event until 15 days have elapsed.

(f) After a cash deposit to guarantee payment of bills has stood unimpaired for 12 months, it shall be returned to the depositor. Upon closing any account, the balance of any deposit remaining after the closing bill for service has been settled, shall be returned promptly to the depositor.

(g) Interest at the rate of 6% per annum shall be paid by the Company on all deposits held to secure payment of bills, but no interest shall be paid if service is discontinued within less than 12 months from the date of first taking service.

(h) In case of dispute between the Company and a consumer regarding the amount of the bill, the Company will notify the consumer that the amount claimed by the Company to be due may be deposited with the Railroad Commission, which will then investigate the facts and communicate its findings to both parties. Should consumer fail to make deposit with the Commission within 15 days after demand for payment, the Company shall cause the water to be shut off.

Rule 5—Discontinuing and Resuming Service.

(a) When water for irrigation or domestic use is turned off and later turned on by request of consumer or in enforcement of rules, the consumer shall pay an amount equal to the minimum charge for such service.

Rule 6—Groups of Consumers on Distributing System not Constructed by Cuyamaca Water Company.

In a number of cases groups or associations of consumers are served through distributing systems not constructed by the Company. The following table gives the tracts or associations served through such distribution systems:

Granada Tract.
Fairmount Water Company.
Hilton Pipe Line.
Chollas Mutual Water Company.
De Witt Tract.
Fruitvale Tract.
Helix Mutual Water Company (Spring Valley.)
Johnson Pipe Line.
La Mesa Mutual Water Company.
Lemon Grove Mutual Water Company.
Magruder Tract.
Marlett Tract.
Orchard Tract.
Outlook Terrace Tract.
Petaluma Tract.
Waverly Tract.
Wheeler Tract.
Wentworth Flume.
Hoover Pipe Line.
Lakeside Flume.

Hawley Pipe Line.
Hillsdale Flume.
Cresson Flume.
City of El Cajon.
Orchard Villa Tract.

In order to provide uniform methods of administration on the various tracts, the relations between consumers and the Company shall be one or the other of the following two relationships:

1. The group consumers to distribute the water among themselves and to maintain and repair the distributing system. Water to be paid for at the rate established and in quantities as indicated by the master meter or measuring device on the Company's transmission main. Collections from the individual consumers to be made by an agent of the consumers and payment made to the Company in a lump sum.

2. The Company to distribute the water among the individual consumers and to maintain and repair the distributing system. Water to be paid for at the rates established and in quantities as indicated by the master meter or measuring device at the consumer's premises. Collections to be made by the Company from the individual consumers.

In order to remove cause of friction, the group consumers, if they prefer to remain in the first group and to deal with the Company through an agent, will be regarded as entitled to the irrigation rate for water used in excess of 3000 cubic feet per month, with the exception of the following

groups, whose use is entirely or almost entirely of a domestic character:

- Fairmont Water Company.
- La Mesa Mutual Water Company.
- Granada Tract.
- Marlett Tract.
- Outlook Terrace Tract.
- Petaluma Tract.
- Waverly Tract.
- Wheeler Tract.
- City of El Cajon.
- Orchard Villa Tract.

The above mentioned groups, tracts, associations, or companies shall take the domestic rates for all water used except the La Mesa Mutual Water Company and the Outlook Terrace Tract, where special non-discriminatory arrangements shall be made to provide for certain irrigation consumers.

Rule 7—Irrigation Rates.

When the use of water by any consumer exceeds 2000 cubic feet per month, and such excess is caused by the use of water on gardens, orchards or field crops of the consumer and not in the conduct of any business other than farming or gardening, then the irrigation rates shall apply. (This rule will not apply to consumers on group pipe lines listed in the latter portion of Rule 6, unless the Cuyamaca Water Company shall take over and operate such group pipe lines, in which case each consumer will be dealt with separately and Rule 7 will apply.)

Rule 8—Irrigation Heads

The accumulation of water into an irrigation head during any one month will be

allowed by the Company to an extent consistent with the equitable management of the system. Application for irrigation heads will be made in writing to the Secretary, at least on the 20th of the preceding month. Consumer will then be notified by the Superintendent to what extent he can comply with the application and will assign dates.

Rule 9—Basis of Measurement.

Measurement of water shall be in cubic feet.

For the benefit of consumers, the following table showing equivalents of cubic feet and miner's inches, is given. The miner's inch, as previously indicated in the Company's Rules and Regulations, is a flow of water equal to 1728 cubic feet in 24 hours.

	28 day mo. cu- bic feet	30 day mo. cu- bic feet	31 day mo. cu- bic feet
1/8 Miner's Inches....	6,048	6,480	6,696
1/4 Miner's Inches....	12,096	12,960	13,392
3/8 Miner's Inches....	18,144	19,440	20,088
1/2 Miner's Inches....	24,192	25,920	26,784
3/4 Miner's Inches....	30,240	32,400	33,480
1 Miner's Inches....	36,288	38,880	40,176
1 1/2 Miners Inches....	48,384	51,840	53,568

Rule 10—Irrigation Management.

In case of necessity the Company may restrict the use of water for irrigation purposes to 5300 cubic feet per month for each acre of land irrigated. Due notice shall be sent to all irrigation consumers of such contemplated restriction and also to the Railroad Commission.

In case of necessity, water may be shut off from the Company's mains or conduits, but such stoppage shall be for the shortest time possible and when possible, consumers shall be notified in advance of such action.

Rule 11—Connections to the Company's Mains.

(a) All connections with the Company's mains or conduits shall be made only by the Company's agent.

(b) All syphon connections for taking water from the Company's conduits are absolutely forbidden.

(c) Each consumer shall be entitled to one connection with the Company's pipe lines or conduits for each tract of land or lot to which the Company agrees to deliver water. Any additional connections desired, to be made only with the written approval of the Company's Superintendent.

Rule 12—Maintenance of Consumer's Pipe Lines.

Consumers shall not in any way—either by conduits originally defective in manner of construction or quality of material therein, or by permitting them to become or remain out of repair, or in any other manner—permit or allow any appreciable waste of the water supplied them, and the Company reserves the right to shut off the water without notice upon repeated or flagrant violation of this rule, until such time as the conditions are remedied.

Rule 13—Changes in Metering Apparatus.

The Company reserves the right to regulate and reduce the size of the openings,

meters or other measuring apparatus, and manner, location and quality of connections made with its mains or aqueducts, provided that all openings shall be sufficiently large to supply, under average pressure, the amount of water to be supplied to each consumer, provided, also, that all taps and connections shall, whenever consistent with the proper operation of the system, be located at the point most convenient for the consumer.

Rule 14—Testing Meters.

Any consumer shall have the right to demand that the meter through which water is being furnished be examined and tested by the Company, for the purpose of ascertaining whether or not it is registering correctly the amount of water which is being delivered through it; provided, that when any consumer desires to have said meter so examined and tested, such consumer shall make application therefor in writing to the Company, and shall deposit with the said application the sum of \$1.00.

Upon such application being made, the Company will cause said meter to be examined and tested for the purpose of ascertaining whether or not it is registering correctly the water being delivered through it.

If on such an examination and test the meter shall be found to register over two per cent more water than actually passes through it, another meter will be substituted therefor and the fee of One Dollar will be repaid the person making the application, and all bills affected by such over-registration of the meter shall be adjusted.

Rule 15—Meter Out of Order.

When a meter is out of order, consumer will be charged the minimum rate, pending replacement or repair of meter.

Rule 16—Use of Water Limited to Tract.

No consumer shall be allowed to furnish or use water outside the bounds of the lot or tract upon which this Company has agreed to furnish him.

Rule 17—Proper Maintenance of Private Pipes.

All persons taking water shall keep their own service pipes, flumes, ditches, hydrants, stopcocks and other apparatus in good repair at their own expense.

Rule 18—Company's Right of Inspection and Access.

The officers and agents of the Company shall have unrestricted access, at proper hours, to all the premises supplied by the Company, to inspect the supply system, meters or other measuring apparatus, and to see that the rules of the Company regarding the taking, use, or waste of water, are faithfully executed.

Rule 19—Unauthorized Regulation of Water Forbidden.

No consumer shall be permitted to turn the water on or off at any connection or open or close any gate or other device for regulating the flow of water on this Company's pipe lines or conduits, without the permission of the Company's Superintendent, such permission to be given in writing, excepting, in cases of emergency, when permission may be given in person or by telephone.

Rule 20—Enforcement of Rules and Penalty.

For the violation of any of the aforesaid rules, the Company reserves the right to turn off the water without notice, and to collect One Dollar from the violator for turning on of such water (Rule 5) when the matter has been properly adjusted.

Rule 21—Supply Tanks.

(a) All consumers having arrangements for hot water should have a tank from which to feed the boiler.

(b) Where water is used to supply a steam boiler, its owner must provide a tank of sufficient capacity to afford a supply for at least twelve hours into which the service pipe will be discharged.

(c) The Company will not be responsible for the safety of steam or hot water boilers or tanks on the premises of any consumer.

Rule 22—Maintenance of Service Pipes.

The Company will maintain service pipes at its own expense from its transmission mains to a point just inside the curb line, where the meter will be set. In case no curb line is established, the meter will be set at the point nearest practicable to the property line.

Rule 23—Owners of Property to Report Changes of Tenants.

When any change of tenants occurs the owners of property served with water shall report promptly to the Company the name of the new tenant and shall notify such tenant to establish credit at the office of the Company in conformity with Rule 1.

EXHIBIT C

CUYAMACA WATER COMPANY

Statement of Earnings and Expenses for Twenty-four
Months.
April 1, 1917 to April 1, 1919.

Date	Irrig.	Domestic	City of San Diego	Non- Operating	Miscel- laneous	Total Earnings	Total Expenses
1917							
April	2,239.85	1,313.55		56.01	19.50	3,628.91	5,760.41
May	2,385.85	1,362.80		45.91	19.50	3,814.06	4,005.55
June	3,862.87	2,131.65		45.91	14.00	6,054.43	4,224.54
July	4,689.05	2,154.75		92.96	21.25	6,958.01	4,708.57
Aug.	4,474.50	1,691.35		91.91	16.25	6,274.01	3,946.01
Sept	3,848.58	1,593.55		105.36	17.50	5,564.99	4,130.53
Oct.	3,825.40	1,647.70		394.01	68.75	5,935.86	4,444.37
Nov.	2,612.65	1,449.50		412.31	36.00	4,510.46	5,307.25
Dec.	2,022.20	1,414.55		260.41	14.75	3,711.91	10,906.40
1918							
Jan.	1,696.55	1,235.95		166.91	7.50	3,106.91	4,254.93
Feb.	711.55	1,059.50		72.36	1.50	1,844.91	4,172.01
March	419.00	1,016.35		66.06	7.25	1,508.66	4,600.14
	<u>32,788.05</u>	<u>18,071.20</u>		<u>1,810.12</u>	<u>242.75</u>	<u>52,913.12</u>	<u>60,460.71</u>
April	1,574.25	1,525.35		112.71	11.00	3,223.31	5,841.23
May	4,420.60	1,981.20		211.51	42.50	6,655.81	4,462.97
June	4,611.90	2,618.10		199.63	14.75	7,444.38	5,384.42
July	5,038.05	2,379.30	4,140.20	151.68	10.00	11,717.23	5,762.28
Aug.	4,989.65	2,420.95	3,246.12	128.83	6.75	10,792.30	5,672.64
Sept.	4,464.05	2,058.10	6,502.83	118.23	9.75	13,152.96	5,125.91
Oct.	3,468.30	2,901.39	3,899.50	486.98	60.25	10,816.42	4,621.76
Nov.	1,987.55	1,502.20	7,155.63	465.48	18.25	11,129.11	5,354.47
Dec.	811.70	1,230.55	960.57	271.43	9.50)	3,288.00	9,308.66
1919							
Jan.	909.95	1,398.25		251.88	12.50	2,572.58	4,278.55
Feb.	713.03	1,243.60		39.53	15.25	2,011.41	5,207.89
March	568.30	1,252.50		66.13	9.75	1,896.68	4,605.14
	<u>33,555.33</u>	<u>22,511.49</u>	<u>25,904.85</u>	<u>2,504.02</u>	<u>324.50</u>	<u>84,700.19</u>	<u>65,625.92</u>

S u m m a r y

Total Earnings	(24 months)		137,613.31
Total Expenses	" "	126,086.63	
Depreciation	" "	<u>86,427.00</u>	212,513.63
Deficit	" "		<u>74,900.32</u>

Schedule

CUYAMACA WATER COMPANY

DESCRIPTION OF PROPERTY.

---000---

The following property situate in the County of San Diego, and State of California, more particularly described as follows:

to-wit:

The property described in that certain deed from the San Diego Flume Company, a corporation, to James A. Murray, dated June first, 1910, and of record in the office of the County Recorder of the said San Diego County in book No. 495 of Deeds, at pages 61, 62, 63, 64, 65, 66, 67, and 68 thereof;

The property described in that certain deed from the La Mesa Development Company, a corporation, to James A. Murray, dated November 17, 1913, and of record in the office of the County Recorder of the said San Diego County, in book No. 635 of Deeds at pages 34, 35 and 36 thereof, except that portion of said property described in that certain deed from James A. Murray and Ed Fletcher, dated February 16, 1916, and of record in the office of the County Recorder of the said San Diego County in book No. 703 of Deeds, at pages 222, et seq., thereof;

The property described in that certain final order of condemnation made by the Superior Court of the County of San Diego, and State of California, on the 29th day of December, 1917, in that certain action entitled: "James A. Murray, Ed Fletcher and Wm. G. Henshaw, plaintiffs, vs. M. C. Healion, County of San Diego, defendants", being case No. 27,432 of the records of said court, and which said order of condemnation is of record in the office of the County Recorder of said county of San Diego and State of California, in book No. 745 of Deeds at pages 171, 172 and 173 thereof;

The property described in that certain final order of condemnation made by the Superior Court of the County of San Diego, State of California, on the 19th day of August, 1914, in that certain action entitled: "James A. Murray, and Ed Fletcher, plaintiffs, vs. La Mesa Development Company, a corporation, defendant", being case No. 18,980 of the records of said court, and which said order of condemnation is of record in the office of the County Recorder of said County of San Diego and State of California, in book No. 661 of Deeds at pages 313, 314, 315 and 316 thereof;

The property described in that certain deed from M. C. Healion to James A. Murray, dated March 17, 1917, and of record in the office of the County Recorder of the said San Diego County in book No. 731 of Deeds at pages 468 and 469 thereof;

The property particularly described as follows; to-wit: Beginning at the boundary line between Lots Nos 151 and 152 of La Mesa Colony, according to Map No. 876, filed in the office of the County Recorder of the County of San Diego, State of California, September 4th, 1901, from whence the North corner of said lots Nos. 151 and 152 bears North 00°, 50' West 40 feet; thence

North $89^{\circ} 10'$ East 105 feet; thence South $0^{\circ} 50'$ East 31.7 feet; thence South $82^{\circ} 33'$ West 105.7 feet to the boundary line between said lots 151 and 152; thence North $0^{\circ} 50'$ West along said boundary line 43.93 feet to the place of beginning, containing .09 acres;

The Northeast quarter ($\frac{1}{4}$) of the Southwest quarter ($\frac{1}{4}$) and the North half ($\frac{1}{2}$) of the Southeast quarter ($\frac{1}{4}$), of Section Three (3), Township Fifteen (15) South, Range Three (3) East, S. B. M. Containing one hundred and twenty acres (120);

The Southeast quarter ($\frac{1}{4}$) of the Northeast quarter ($\frac{1}{4}$) of Section Seven (7); the South half ($\frac{1}{2}$) of the Northwest quarter ($\frac{1}{4}$), and the Southwest quarter ($\frac{1}{4}$) of the Northeast quarter ($\frac{1}{4}$) of Section Eight (8), Township Fifteen (15) South, Range Two (2) East S. B. M.;

Block Nine (9) of Villa Caro Heights, according to map thereof No. 1345, filed in the office of the County Recorder of said San Diego County July 3, 1911;

That portion of Lot 136 of Murray Hill, according to Map thereof No. 1342, filed in the office of the Recorder of said San Diego County, June 8, 1911, lying East of a straight line drawn from the most Westerly corner of Lot 80 and the most Westerly corner of Lot 125 of said Murray Hill;

The property described in that certain deed from the Grossmont Park Company, a corporation, to James A. Murray, Ed Fletcher and Wm. G. Henshaw, dated March 22, 1917, and of record in the office of the County Recorder of said San Diego County, in Book No. 730 of Deeds at page 235 et seq. thereof;

The property described in that certain deed from M. C. Healion to James A. Murray, Ed Fletcher and William G. Henshaw, dated March 2nd, 1917, and of record in the office of the County Recorder of said San Diego County in book No. 725 of Deeds at page 320 thereof.

"SCHEDULE E"

CUYAMACA WATER COMPANY

RIGHTS OF WAY, UNITED STATES RIGHTS GRANTED AND
PENDING, FLOODAGE RIGHTS AND RIPARIAN RIGHTS.

No. 1.

Contract to occupy lands and right of way for flume within the El Capitan Indian Reservation, with United States Department of the Interior, originally made with the San Diego Flume Company, as recorded in the office of the Commissioner of Indian Affairs at Washington, D. C., per letter from Department of Interior to Commissioner of Indian Affairs, dated September 16, 1892.

No. 2.

Amended right of way for concrete pipe line at SandCreek over land in the El Capitan Indian Reservation, approved by United States Indian Service June 25, 1913, as per departmental letter of July 29, 1913.

No. 3.

Amended right of way for steel pipe line at South Fork Canyon, over the El Capitan Indian Reservation, granted in 1912.

No. 4.

Application for lands for reservoir purposes and easements for Conejos reservoir, pending; filed with the United States Department of the Interior in May, 1912. Stipulations signed for a payment of \$2,600.00 for lands to the Indian Bureau, in 1914.

No. 5.

Permit for use of public land for reservoir purposes in Poverty Gulch reservoir site July 26, 1913.

In southwest $\frac{1}{4}$ of southeast $\frac{1}{4}$ and southeast $\frac{1}{4}$ of northeast $\frac{1}{4}$, section 3, township 15 south, range 3 east, S. B. M. Approximately 40 acres.

No. 6.

Permit to occupy lands within the El Capitan Indian Reservation for pumping purposes, granted by United States Department of Interior dated September 12, 1913.

No. 7.

Right of way for the San Diego Flume from the west boundary of El Capitan Indian Reservation to the Eucalyptus reservoir, traversing section 12, township 15 south, range 1 east, El Cajon Rancho, sections 17 and 18 of township 16 south, range 1 east, through section 24, township 16 south, range 1 west and through section 17, township 16 south, range 1 west.

No. 8.

Right of way for La Mesa ditch and pipe line through section 17, township 16 south, range 1 west and through La Mesa Colony to Murray reservoir.

No. 9.

A general right of way for pipe lines through all lots in La Mesa Colony.

No. 10.

Franchise of the county of San Diego, granted December 22, 1913, as per resolution of the board of supervisors, upon El Cajon avenue, Monroe Street, Monroe way, Isabella street, Ramona street and Lincoln street.

No. 11.

Franchise for pipe line granted by the city of La Mesa upon El Cajon avenue by ordinance dated December 26, 1913.

No. 12.

Franchise for pipe line granted by the city of East San Diego upon El Cajon avenue dated February 9, 1914.

No. 13.

The lease of parcel of land for pumping station in the northwest corner of lot "K" La Mesa Colony.

No. 14.

Easements and rights of way acquired by condemnation proceedings in the Superior Court in an action of Murray & Fletcher vs. La Mesa Development Company, judgment rendered on July 30, 1914.

No. 15.

Floodage rights over lands in La Mesa reservoir, to a maximum height of reservoir of 100 feet granted by Junipero Land and Water Company to San Diego Blume Company May 14, 1887, and recorded in Book of Deeds 99, page 466, records of San Diego County, California.

"EXHIBIT F"

SCHEDULE

CUYAMACA WATER COMPANY

WATER APPROPRIATIONS

No. 1.

Appropriation by W. E. Robinson for 3500 Miner's Inches. Point of Diversion in canyon in Northeast quarter of Section Twelve, Township Fifteen South Range One East, dated March 24, 1885, and recorded in Book 1, Page 50, of Water Claims.

No. 2.

Appropriation by T. S. Van Dyke for 6000 inches. Point of diversion about one mile above the mouth of Chocolate Creek and about 300 yards below the mouth of the South Fork of the San Diego River, the narrowest part of said river bed near said point; dated April 26, 1885, and recorded in Book 1, page 59, of Water Claims.

No. 3.

Appropriation by W. E. Robinson. Claims all water flowing or to hereafter flow. Point of diversion about two thousand feet above the lower end of the boulder wash on the North Fork of San Diego River known as "Rocky Bar" below the entrance of Boulder Creek into said river; dated August 17, 1885, and recorded in Book 1, page 80 of Water Claims.

No. 4.

Appropriation by San Diego Flume Company of the diverting dam on San Diego River for 6,000 miner's inches, dated May 28, 1886, and recorded in Book of Water Claims No. 1, page 146.

No. 5.

Appropriation by San Diego Flume Company on south fork of San Diego River, for 4,000 miner's inches, dated June 29, 1886, and recorded in Book of Water Claims No. 1, page 152.

No. 6.

Appropriation by San Diego Flume Company on Boulder Creek (at Cuyamaca reservoir), for 2,000 miner's inches, dated August 4, 1886, and recorded in Book 1, page 159.

No. 7.

Appropriation by San Diego Flume Company. All waters of Chocolate Creek not belonging by appropriation to any one else in the County of San Diego to the extent of one hundred miner's inches, at a point about three quarters of a mile above the lower fork of the Chocolate Creek on the west fork of said creek, dated August 14, 1886, and recorded in Book 1, page 161, of Water Claims.

-2- Water Appropriations

No. 8.

Appropriation by San Diego Flume Company. Same as above, (No. 7.) except that part of diversion is marked by a leaning sycamore eight inches in diameter, at a point in bed of creek about 1500 feet, more or less, above station 886-41 on Flume line, recorded in Book 1, page 162 of Water Claims.

No. 9.

Appropriations by B. Otterstedt (assigned to Ed Fletcher) at diverting dam of San Diego River, for 100,000 miners inches, dated June 1, 1910, and recorded in Book 4 of Water Claims, page 51.

No. 10.

Appropriation by W. E. Keenan (assigned to Ed Fletcher) in the southwest quarter of section 22, Township 14 South, range 2 East, for 50 miner's inches of water, dated June 12, 1914, and recorded in Book 4, page 218 et seq. of Water Claims.

No. 11.

Appropriation By L. A. Olsen (assigned to Ed Fletcher) for 500 miner's inches in the northwest quarter of Section 8, Township 15 South, Range 2 East (El Capitan dam site), dated June 12, 1914, and recorded in Book of Water Claims No. 4, page 217 et seq.

"EXHIBIT G"

SCHEDULES

GUYAMACA WATER COMPANY

PHYSICAL STRUCTURES AND IMPROVEMENTS.

No. 1.

DAMS USED IN THE OPERATION OF THE WATER SYSTEM AS FOLLOWS:

The Cuyamaca dam.
The diverting dam upon the San Diego River.
The Eucalyptus dam located at the end of the flume.
The Murray Hill dam.
The Murray dam.

No. 2.

CONVEYING SYSTEM.

Flume, siphons, tunnels and conduits 33 miles in length, constituting the San Diego flume, and flume known as South Fork feeder.

No. 3.

PUMPING PLANTS DESCRIBED AS FOLLOWS:

Pumping Plant No. 1. The pumping plant known as No. 1 is located at the corner of Victoria street and Ramona avenue, in La Mesa Colony.

Pumping Plant No. 2. East 10 acres of southwest $\frac{1}{4}$ of northeast $\frac{1}{4}$ of section 8, township 15 south, range 2 east, S. B. M., and right of way for pipe line over lands of Robert Alvord in northwest $\frac{1}{4}$ of southeast $\frac{1}{4}$ of said section 8, to the flume of Murray & Fletcher; including pumping plant, wells and pipes on said lands.

Pumping Plant No. 3. Pumping Plant known as Plant No. 3 is located upon El Capitan Indian Reservation by permit of United States Department of Interior, located as follows:

In the southwest $\frac{1}{4}$ of southwest $\frac{1}{4}$ of section 22, township 14 south, range 2 east, S.B.M., whence southwest corner of said section 22 bears from center of said pumping plant house S. 59° W., 1,000 feet approximately; also wells and suction pipe lines occupying a strip of land 25 feet wide extending from center of said pumping plant house N. 45° W., 400 feet approximately, and a discharge line occupying a strip of land 5 feet wide extending from said S. 40° E., 350 feet, approximately to the flume of Murray Fletcher & Henshaw.

No. 4.

DISTRIBUTING PIPE LINES AS FOLLOWS:

The city of El Cajon system.

The Grossmont Park system, consisting of a reservoir in lot 469 and a reservoir in lot 449 in Grossmont Park, subdivision No. 3, and a reservoir in lot 21 and a reservoir near lot 75 of Grossmont Park subdivision No. 1 all pipe lines connecting these reservoirs and other distributing lines laid upon the private ways within these subdivisions up to and including meters of the consumers and the pipe line known as the Helix pipe line.

The water system in the streets of Murray Hill.

The water system in the streets of Hawley Heights.

The ditch and pipe line known as La Mesa ditch connecting the flume and Murray reservoir.

The 24-inch redwood pipe connection Murray reservoir with the main distributing pipe at the corner of Victoria street and Ramona

Avenue, in La Mesa Colony.

Wood stave pipe supplying North La Mesa, approximately 8,000 feet long.

The main distributing system beginning at the Eucalyptus reservoir and running thence along El Cajon avenue, through the cities of La Mesa and East San Diego and all branches, consisting of:

	Pipe	Lin. Ft.
3	inch riveted Steel	364
4	" " "	4395
6	" " "	13277
8	" " "	5000
14	" " "	14918
16	" " "	8608
20	" " "	17189
15	Reninforced Concrete	850
20	" " "	3600
24	" " "	5322
36	" " "	1948
3	Screw Casings	2992
4	" " "	19294
5	" " "	249
6	" " "	735
8	" " "	2334
10	" " "	2840
11	" " "	1339
12	" " "	3376
3	Standard Screw	18019
1	" " "	13001
1 1/4	" " "	703
1 1/2	" " "	7954
2 1/2	" " "	92294
3	" " "	19082
3 1/2	" " "	1170
4	" " "	1080
6	" " "	275
12	Converse Screw	2505
4	Cast Iron	1680
6	" " "	6263
8	Wood	7325
24	" " "	5959
36	" " "	1237

No. 5.

Buildings as follows:

Buildings at Cyanaca reservoir, Murray reservoir and Eucalyptus reservoir.

Section houses at diverting dam, Chocolate Canyon, Los Coches, Los Coches trestle and section No. 5.

No. 6.

Automobiles, wagons and tools, now in use by company.

SCHEDULE

CUYAMACA WATER COMPANY

The properties of the Cuyamaca Water Company are as follows:

1. Shops located at Normal Heights, with real property on which they are located.
2. Materials and supplies on hand, including office equipment, supplies, maps, schedules, charts, drawings and other data collected by Cuyamaca Water Company.
3. Miles pumping plant.
4. Grossmont pumping plant.
5. Telephone lines.
6. Miles reservoir No. 2, ~~with~~ real property on which it is located.
7. Boulder Creek weir.
8. Meteorological instruments.
9. Right of way for flowage and keeper's house at diverting dam.
10. Kelly ditch and right of way therefore, being a ditch and right of way located above the Cuyamaca damsite and used for the purpose of diverting water into Cuyamaca reservoir.
11. All riparian rights and rights to diversion on and along San Diego River owned and controlled by James A. Murray, Ed Fletcher or William G. Henshaw.
12. All pipe, casings and fittings located in El Cajon avenue and installed during the years 1914 and 1915 for the purpose of delivering flood waters of the San Diego River to the city of San Diego.
13. One 12 inch Booster Pump at Old La Mesa.
14. Six Hundred Sixty-one meters varying in size from 5/8 inch to 8 inches.

"EXHIBIT H"

SCHEDULE

CUYAMACA WATER COMPANY

DESCRIPTION AND APPRAISAL OF PROPERTIES

ITEM NO.	PROPERTIES	APPRAISAL	ORIGINAL COST & COST TO APPLICANTS
1	COLLECTION SYSTEM	\$140,745.00	The original cost of these properties was in excess of \$1,200,000. The original San Diego Flume Company's system was purchased by applicants in the year 1910 for the sum of \$150,000. Since that time applicants have expended in improvements, additions and extensions the sum of \$844,087.54, as shown by the reports on file under the heading "Constructive and Capital Expenditures."
2	TRANSMISSION SYSTEM	667,851.00	
3	DISTRIBUTION SYSTEM	481,944.00	
4	TELEPHONE LINES	3,918.00	
5	MISCELLANEOUS	20,948.00	
6	REAL ESTATE	333,402.00	
		1,648,808.00	This does not include the value of any water rights +

"EXHIBIT I"

SCHEDULE

CUYAMACA WATER COMPANY

Cost of Properties plus 8% interest compounded from
June 1, 1910 to April 1, 1919.

Year		Investments	Interest 8% Compounded	Total
1910	Capital expenditures	155,390.32		
	8% interest for 8 years 7 months		145,640.73	301,031.05
1911	Capital expenditures	51,815.20		
	8% interest for 7 years 6 months		40,539.37	92,354.57
1912	Capital expenditures	53,902.63		
	8% interest for 6 years 6 months		35,055.52	88,958.15
1913	Capital expenditures	89,908.33		
	8% interest for 5 years 6 months		47,480.69	137,389.02
1914	Capital expenditures	170,411.85		
	8% interest for 4 years 6 months		70,018.38	240,430.23
1915	Capital expenditures	279,292.79		
	8% interest for 3 years 6 months		86,608.83	365,901.62
1916	Capital expenditures	30,995.52		
	8% interest for 2 years 6 months		6,603.78	37,599.30
1917	Capital expenditures	75,852.19		
	8% interest for 1 year 6 months		9,344.99	85,197.18
1918	Capital expenditures	86,518.71		
	8% interest for 0 year 6 months		3,460.75	89,979.46
	Total			<u>1,438,840.58</u>

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IN THE MATTER OF THE APPLICATION OF
JAMES A. MURRAY, WILLIAM G. HENSHAW,
AND ED FLETCHER, CO-PARTNERS, DOING
BUSINESS UNDER THE FIRM NAME AND STYLE
OF THE CUYAMACA WATER COMPANY, FOR AN
ORDER AUTHORIZING AND PERMITTING AN
INCREASE IN THE RENTALS, TOLLS, AND
CHARGES FOR WATER FURNISHED BY THEM
AND SERVICE RENDERED BY THEM IN FURNISH-
ING WATER IN THE COUNTY OF SAN DIEGO,
STATE OF CALIFORNIA.

No. _____

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A P P L I C A T I O N

The petition of James A. Murray, William G. Henshaw
and Ed Fletcher respectfully shows:

I

That the applicants, James A. Murray, William G.
Henshaw and Ed Fletcher, are co-partners, doing business under
the firm name and style of the Cuyamaca Water Company, and are
engaged in the business of impounding, distributing and selling
water for irrigation, domestic, and other purposes, in the County
of San Diego and State of California.

II

That the post office address of each applicant is as
follows:

James A. Murray, Monterey, California;

William G. Henshaw, Title Insurance Building, Los Angeles,
California;

Ed Fletcher, Fletcher Building, San Diego, California.

That they are joint applicants herein, and the name and address
of their attorney is as follows:

Charles C. Crouch, Owl Building, San Diego, California.

III

Annexed hereto, marked "Exhibit A", and made a part
hereof, is a financial statement of the said co-partnership

prepared as of the first day of April, 1919.

IV

Annexed hereto, marked "Exhibit B", and made a part hereof, is a schedule of their present rates, tolls, rentals and charges.

V

Annexed hereto, marked "Exhibit C", and made a part hereof, is a statement showing the result of operation under the said rates for a period of two years.

VI

Annexed hereto, marked "Exhibit D", and made a part hereof, is a description of the real property owned by the Guyanaca Water Company and used in the impounding of its water supply.

VII

Annexed hereto, marked "Exhibit E", and made a part hereof, is a schedule of their rights of way, floodage, and riparian rights.

VIII

Annexed hereto, marked "Exhibit F", and made a part hereof, is a schedule of their water appropriations.

IX

Annexed hereto, marked "Exhibit G", and made a part hereof, is a schedule of their physical structures and improvements.

X

Annexed hereto, marked "Exhibit H", and made a part hereof, is an appraisal of their said properties.

XI

Annexed hereto, marked "Exhibit I", and made a part hereof, is a statement showing the cost of the said properties plus interest at 3% per annum, compounded annually from January 1, 1910 to April 1, 1919.

XII

That applicants desire to increase their rates, fares, tolls, rentals, and charges, for the reason that the present income from the said system, as shown by their said financial statement, is not sufficient to pay for the maintenance and operation thereof.

WHEREFORE, applicants ask that the Railroad Commission of the State of California make its order authorizing the applicants to increase their fares, rates, tolls, rentals and charges to an amount sufficient to provide for the maintenance, operation and depreciation of their said properties, plus a reasonable rate of interest upon the value thereof as heretofore determined by your Honorable Body.

GUYAMACA WATER COMPANY,

By ED FLETCHER
Manager.

CHARLES C. GROGAN

Attorney for Applicants.
Address: Owl Drug Bldg., San Diego, Cal.

1 STATE OF CALIFORNIA,)
2 COUNTY OF SAN DIEGO,) ss.

3 Ed Fletcher, being first duly sworn, deposes and says:

4 That he is one of the co-partners of the Cuyamaca
5 water Company; that he has read the foregoing application and
6 known the contents thereof; and that the facts therein stated
7 are true.

8
9 (Signed) ED FLETCHER

10 Subscribed and sworn to before me
11 this 4th day of April, 1919.

12 SEAL

13 (~~Signed~~) ~~Lou B. Mathews~~
14 Notary Public in and for the County
of San Diego, State of California.

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EXHIBIT "A"

Cuyamaca Water Company

Financial Statement.

- (a) Amount and kind of stock authorized None
- (b) Amounts and kinds of stock issued and outstanding None
- (c) Terms of preference of preferred stock whether cumulative or participating, or on dividends or assets, or otherwise None
- (d) Brief description of each mortgage upon property of applicant:

<u>Date of Execution</u>	<u>Mortgagor</u>	<u>Mortgagee</u>	<u>Amount</u>	<u>Sinking Fund provisions.</u>
March 22, 1917	(James A. Murray (Ed Fletcher (William O. Henshaw	James A. Murray, Agent	100,000.00	None

- (e) Number and amount of bonds authorized None

(f) Notes Outstanding

<u>In favor of</u>	<u>Date of Issue</u>	<u>Date Due</u>	<u>Rate of Interest</u>	<u>Amount</u>	<u>Interest paid during last fiscal year.</u>
Winter, George	April 4, 1912	April 4, 1914	6 %	71,655.84	None
Murray, Alexander	Feb. 6, 1913	Feb. 6, 1914	6 %	52,553.00	"
Murray, "	July 2, 1913	July 2, 1914	6 %	10,000.00	"
Murray, "	March 23, 1914	March 23, 1915	6 %	100,158.92	"
Murray, James A. Agt.	Mar. 22, 1917	March 22, 1919	7 %	100,000.00	"
First National Bank of San Diego	Dec. 19, 1918	March 19, 1919	6 %	5,000.00)	
" " "	Jan. 21, 1919	April 21, 1919	6 %	5,000.00)	836.65
" " "	Feb. 7, 1919	May 8, 1919	6 %	5,000.00)	
San Diego Cons. Gas & Electric Co.	Jan. 21, 1919	April 21, 1919	7 %	4,000.00	332.50

(g) Other Indebtedness

Sharp & Fellows Contracting Company, Balance due for construction of Murray Dam 12,500.00

- (h) Rate and amount of dividends paid during five previous fiscal years. . None
 - 1914 None
 - 1915 "
 - 1916 "
 - 1917 "
 - 1918 "

(i) For a detailed statement of earnings and expenditures for and balance sheet showing conditions at close of the last fiscal year: On March 24, 1919, this Company filed with your Honorable Commission its annual report for the year ending December 31, 1918, said report being dated March 18, 1919, and to which reference is made.

RATES AND RULES
OF THE
Cuyamaca Water Company
San Diego, California

**Rates, Rules and Regulations accepted for
Filing by the State Railroad Com-
mission, March 8, 1917**

**SUPERSEDE ALL PREVIOUS RATES
AND RULES**

President—James A. Murray.

Manager—Ed. Fletcher.

Assistant Manager—F. M. Faude.

**Office, 924 8th St., Room 28—San Diego
Cal.**

Hours, 10 a. m. to 4 p. m.

Phone, Sunset, Main 3746.

Secretary—Lou B. Mathews.

Office, 916 8th St., San Diego, Cal.

Hours, 9 a. m. to 5 p. m.

Phones, Sunset Main 5345; Home 6016.

Superintendent—C. Harritt.

La Mesa, California.

Residence, Eucalyptus Dam.

Phones, Sunset La Mesa 48-J-2; Home

La Mesa 28-71.

RATES

Effective April 1, 1917, the following rates shall be in force:

SCHEDULE A—DOMESTIC SERVICE

Monthly Minimum Charges

Inside Diameter of service $\frac{1}{4}$ inch and less	\$1.00
Inside Diameter of service 1 inch	1.25
Inside Diameter of service $1\frac{1}{2}$ inch	1.75
Inside Diameter of service 2 inches	3.25
Inside Diameter of service 3 inches and larger	4.00

Where consumers have more than one service the minimum shall apply to each service in use

FOR ALL WATER USED

Between 0 and 1,000 cubic feet	\$0.25	per 100 cu. ft.	per month
Between 1,000 and 5,000 cubic feet	0.15	per 100 cu. ft.	per month
Between 5,000 and 100,000 cubic feet	0.12	per 100 cu. ft.	per month
All over 100,000 cubic feet	0.08	per 100 cu. ft.	per month

SCHEDULE B—IRRIGATION SERVICE

Monthly Minimum Charges for Consumers on Pipe Lines—West of Eucalyptus Reservoir

Inside Diameter of Service $\frac{1}{4}$ inch or less	\$1.00
Inside Diameter of Service 1 inch	1.25
Inside Diameter of Service $1\frac{1}{2}$ inches	1.75
Inside Diameter of Service 2 inches	3.25
Inside Diameter of Service 3 inches and larger	4.00

Where consumers have more than one service, the minimum shall apply to each service.

Monthly Minimum Charges for Consumers Served Through Measuring Boxes on the Flume or Tributary Lines

For Indians on El Capitan Indian Reservation

For all other services

Where consumers have more than one service the minimum shall apply to each service.

No Charge

\$2.00

FOR ALL WATER USED

Between 0 and 1,000 Cubic Feet	\$0.25	per 100 cu. ft.	per month
Between 1,000 and 2,000 Cubic Feet	0.15	per 100 cu. ft.	per month
All over 2,000 Cubic feet02 $\frac{1}{4}$	per 100 cu. ft.	per month

The above rates shall apply to all consumers except Indians on El Capitan Reservation, to whom no charge shall be made.

SCHEDULE C—PUBLIC SERVICE

For All Water Used

For Road and Street Sprinkling and Sewer Flushing \$0.12 per 100 Cu. Ft. per month.

For each Fire Hydrant the monthly minimum charge, which includes monthly payment for all water used through such hydrant strictly for fire service, shall be

\$2.00

Other public use, except service to the City of San Diego, shall be at the rates established for domestic service.

CUYAMACA WATER COMPANY RULES AND REGULATIONS

The following Rules and Regulations, adopted by the Cuyamaca Water Company, and accepted for filing by the Railroad Commission of the State of California, in conformity with the Public Utility Laws of the State, are effective from and after April 1, 1917.

Rule 1—Application for Services.

(a) All applications for service shall be made in writing at the office of the company.

(b) An applicant for service shall establish credit by one of the following methods:

(1) **Owning the premises—**(ownership of the premises shall be regarded as established only when deed has actually been given to applicant.)

(2) **Making a cash deposit—**such deposit for domestic service shall be \$2.50. Cash deposits for irrigation service shall be as nearly as possible twice the average monthly bill.

(3) **Furnishing a guarantor** satisfactory to the Company.

(c) The Company may refuse to make any service connection when not satisfied that the service will be actually used in the immediate future. In case the applicant for service is not satisfied with the Com-

pany's ruling, the matter may be referred to the Commission for determination.

Rule 2—Charges for Installation of Services and Extensions of Mains.

(a) For each permanent service connection and meter, for either domestic or irrigation use, no charge shall be made.

(b) For each sprinkling or fire hydrant; the full cost of the installation shall be paid by the applicant and shall be credited by the Company on water bills in the succeeding months.

(c) For each temporary service connection the net cost of installing and removing same shall be paid by the applicant.

(d) The Company will make extensions of mains in streets at its own cost, provided the total length of such extension, for each consumer, does not exceed 50 feet. For all extensions beyond 50 feet per consumer, such extension shall be made by the Company, but the first cost shall be paid by the consumer; and the amount so paid will be returned by the Company when the average revenue per month for water used along the extension for four consecutive months shall equal 2% of the deposit.

(e) In any case in which the construction of an extension will, in the opinion of the Company, work an undue hardship upon it or its existing consumers, or cause the Company to enter undesirable territory, and a satisfactory adjustment cannot be made between the Company and the applicant, then the matter shall be referred to the Railroad Commission for determination.

Rule 3—Extensions of Mains by Consumers.

No consumer on the Company's system shall make any extension of mains or service pipes, either in streets, alleys or across private property, to serve other persons, without the written consent of the Company. Violation of this rule will cause the service to such consumer to be discontinued until a satisfactory settlement shall be reached.

Rule 4—Payment of Water Bills.

(a) All water bills are payable monthly, are due on the 1st day of the month and payable at the office of the Company at 916 Eighth Street, San Diego, California.

(b) If not paid on or before the 10th day of the month, the account becomes delinquent and a penalty of 10 per cent, with a minimum of 25 cents, shall be added.

(c) After the 10th day of the month, no payments will be accepted unless the penalty is included, regardless of whether or not consumers have received their bills.

(d) If a consumer, who has established his credit in accordance with Rule 1, fails to pay his bill on or before the 10th day of the month, the Company will demand, as guaranty for the payment of future bills, a cash deposit as provided in Rule 1. On the 11th of each month, or as soon thereafter as possible, written demand for such cash deposit shall be sent to each delinquent consumer with notice that, should cash deposit not be made within 15 days, water will be shut off.

(e) If a consumer who has made a cash deposit fails to pay his bill on or before the

10th of the month, the Company will apply the deposit in so far as is necessary to liquidate the bill and will require that the deposit be restored to its original amount.

On the 11th of each month, or as soon thereafter as is possible, written demand for the restoration of the cash deposit shall be sent each consumer whose deposit has been drawn upon for the payment of delinquent bills with notice that, should deposit not be restored, water will be shut off when deposit is entirely absorbed, but in no event until 15 days have elapsed.

(f) After a cash deposit to guarantee payment of bills has stood unimpaired for 12 months, it shall be returned to the depositor. Upon closing any account, the balance of any deposit remaining after the closing bill for service has been settled, shall be returned promptly to the depositor.

(g) Interest at the rate of 6% per annum shall be paid by the Company on all deposits held to secure payment of bills, but no interest shall be paid if service is discontinued within less than 12 months from the date of first taking service.

(h) In case of dispute between the Company and a consumer regarding the amount of the bill, the Company will notify the consumer that the amount claimed by the Company to be due may be deposited with the Railroad Commission, which will then investigate the facts and communicate its findings to both parties. Should consumer fail to make deposit with the Commission within 15 days after demand for payment, the Company shall cause the water to be shut off.

Rule 5—Discontinuing and Resuming Service.

(a) When water for irrigation or domestic use is turned off and later turned on by request of consumer or in enforcement of rules, the consumer shall pay an amount equal to the minimum charge for such service.

Rule 6—Groups of Consumers on Distributing System not Constructed by Cuyamaca Water Company.

In a number of cases groups or associations of consumers are served through distributing systems not constructed by the Company. The following table gives the tracts or associations served through such distribution systems:

Granada Tract.
Fairmount Water Company.
Hilton Pipe Line.
Chollas Mutual Water Company.
De Witt Tract.
Fruitvale Tract.
Helix Mutual Water Company (Spring Valley.)
Johnson Pipe Line.
La Mesa Mutual Water Company.
Lemon Grove Mutual Water Company.
Magruder Tract.
Marlett Tract.
Orchard Tract.
Outlook Terrace Tract.
Petaluma Tract.
Waverly Tract.
Wheeler Tract.
Wentworth Flume.
Hoover Pipe Line.
Lakeside Flume.

Hawley Pipe Line.
Hillsdale Flume.
Cresson Flume.
City of El Cajon.
Orchard Villa Tract.

In order to provide uniform methods of administration on the various tracts, the relations between consumers and the Company shall be one or the other of the following two relationships:

1. The group consumers to distribute the water among themselves and to maintain and repair the distributing system. Water to be paid for at the rate established and in quantities as indicated by the master meter or measuring device on the Company's transmission main. Collections from the individual consumers to be made by an agent of the consumers and payment made to the Company in a lump sum.

2. The Company to distribute the water among the individual consumers and to maintain and repair the distributing system. Water to be paid for at the rates established and in quantities as indicated by the master meter or measuring device at the consumer's premises. Collections to be made by the Company from the individual consumers.

In order to remove cause of friction, the group consumers, if they prefer to remain in the first group and to deal with the Company through an agent, will be regarded as entitled to the irrigation rate for water used in excess of 2000 cubic feet per month, with the exception of the following

groups, whose use is entirely or almost entirely of a domestic character:

Fairmont Water Company.
La Mesa Mutual Water Company.
Granada Tract.
Marlett Tract.
Outlook Terrace Tract.
Petaluma Tract.
Waverly Tract.
Wheeler Tract.
City of El Cajon.
Orchard Villa Tract.

The above mentioned groups, tracts, associations, or companies shall take the domestic rates for all water used except the La Mesa Mutual Water Company and the Outlook Terrace Tract, where special non-discriminatory arrangements shall be made to provide for certain irrigation consumers.

Rule 7—Irrigation Rates.

When the use of water by any consumer exceeds 2000 cubic feet per month, and such excess is caused by the use of water on gardens, orchards or field crops of the consumer and not in the conduct of any business other than farming or gardening, then the irrigation rates shall apply. (This rule will not apply to consumers on group pipe lines listed in the latter portion of Rule 6, unless the Cuyamaca Water Company shall take over and operate such group pipe lines, in which case each consumer will be dealt with separately and Rule 7 will apply.)

Rule 8—Irrigation Heads

The accumulation of water into an irrigation head during any one month will be

allowed by the Company to an extent consistent with the equitable management of the system. Application for irrigation heads will be made in writing to the Secretary, at least on the 20th of the preceding month. Consumer will then be notified by the Superintendent to what extent he can comply with the application and will assign dates.

Rule 9—Basis of Measurement.

Measurement of water shall be in cubic feet.

For the benefit of consumers, the following table showing equivalents of cubic feet and miner's inches, is given. The miner's inch, as previously indicated in the Company's Rules and Regulations, is a flow of water equal to 1728 cubic feet in 24 hours.

	28 day	30 day	31 day
	mo. cu-	mo. cu-	mo. cu-
	bic feet	bic feet	bic feet
$\frac{1}{2}$ Miner's Inches....	6,048	6,480	6,696
$\frac{3}{4}$ Miner's Inches....	12,096	12,960	13,392
$\frac{1}{2}$ Miner's Inches....	18,144	19,440	20,088
$\frac{1}{2}$ Miner's Inches....	24,192	25,920	26,784
$\frac{5}{8}$ Miner's Inches....	30,240	32,400	33,480
$\frac{3}{4}$ Miner's Inches....	36,288	38,880	40,176
1 Miner's Inches....	48,384	51,840	53,568

Rule 10—Irrigation Management.

In case of necessity the Company may restrict the use of water for irrigation purposes to 5300 cubic feet per month for each acre of land irrigated. Due notice shall be sent to all irrigation consumers of such contemplated restriction and also to the Railroad Commission.

In case of necessity, water may be shut off from the Company's mains or conduits, but such stoppage shall be for the shortest time possible and when possible, consumers shall be notified in advance of such action.

Rule 11—Connections to the Company's Mains.

(a) All connections with the Company's mains or conduits shall be made only by the Company's agent.

(b) All syphon connections for taking water from the Company's conduits are absolutely forbidden.

(c) Each consumer shall be entitled to one connection with the Company's pipe lines or conduits for each tract of land or lot to which the Company agrees to deliver water. Any additional connections desired, to be made only with the written approval of the Company's Superintendent.

Rule 12—Maintenance of Consumer's Pipe Lines.

Consumers shall not in any way—either by conduits originally defective in manner of construction or quality of material therein, or by permitting them to become or remain out of repair, or in any other manner—permit or allow any appreciable waste of the water supplied them, and the Company reserves the right to shut off the water without notice upon repeated or flagrant violation of this rule, until such time as the conditions are remedied.

Rule 13—Changes in Metering Apparatus.

The Company reserves the right to regulate and reduce the size of the openings,

meters or other measuring apparatus, and manner, location and quality of connections made with its mains or aqueducts, provided that all openings shall be sufficiently large to supply, under average pressure, the amount of water to be supplied to each consumer, provided, also, that all taps and connections shall, whenever consistent with the proper operation of the system, be located at the point most convenient for the consumer.

Rule 14—Testing Meters.

Any consumer shall have the right to demand that the meter through which water is being furnished be examined and tested by the Company, for the purpose of ascertaining whether or not it is registering correctly the amount of water which is being delivered through it; provided, that when any consumer desires to have said meter so examined and tested, such consumer shall make application therefor in writing to the Company, and shall deposit with the said application the sum of \$1.00.

Upon such application being made, the Company will cause said meter to be examined and tested for the purpose of ascertaining whether or not it is registering correctly the water being delivered through it.

If on such an examination and test the meter shall be found to register over two per cent more water than actually passes through it, another meter will be substituted therefor and the fee of One Dollar will be repaid the person making the application, and all bills affected by such over-registration of the meter shall be adjusted.

Rule 15—Meter Out of Order.

When a meter is out of order, consumer will be charged the minimum rate, pending replacement or repair of meter.

Rule 16—Use of Water Limited to Tract.

No consumer shall be allowed to furnish or use water outside the bounds of the lot or tract upon which this Company has agreed to furnish him.

Rule 17—Proper Maintenance of Private Pipes.

All persons taking water shall keep their own service pipes, flumes, ditches, hydrants, stopcocks and other apparatus in good repair at their own expense.

Rule 18—Company's Right of Inspection and Access.

The officers and agents of the Company shall have unrestricted access, at proper hours, to all the premises supplied by the Company, to inspect the supply system, meters or other measuring apparatus, and to see that the rules of the Company regarding the taking, use, or waste of water, are faithfully executed.

Rule 19—Unauthorized Regulation of Water Forbidden.

No consumer shall be permitted to turn the water on or off at any connection or open or close any gate or other device for regulating the flow of water on this Company's pipe lines or conduits, without the permission of the Company's Superintendent, such permission to be given in writing, excepting, in cases of emergency, when permission may be given in person or by telephone.

Rule 20—Enforcement of Rules and Penalty.

For the violation of any of the aforesaid rules, the Company reserves the right to turn off the water without notice, and to collect One Dollar from the violator for turning on of such water (Rule 5) when the matter has been properly adjusted.

Rule 21—Supply Tanks.

(a) All consumers having arrangements for hot water should have a tank from which to feed the boiler.

(b) Where water is used to supply a steam boiler, its owner must provide a tank of sufficient capacity to afford a supply for at least twelve hours into which the service pipe will be discharged.

(c) The Company will not be responsible for the safety of steam or hot water boilers or tanks on the premises of any consumer.

Rule 22—Maintenance of Service Pipes.

The Company will maintain service pipes at its own expense from its transmission mains to a point just inside the curb line, where the meter will be set. In case no curb line is established, the meter will be set at the point nearest practicable to the property line.

Rule 23—Owners of Property to Report Changes of Tenants.

When any change of tenants occurs the owners of property served with water shall report promptly to the Company the name of the new tenant and shall notify such tenant to establish credit at the office of the Company in conformity with Rule 1.

EXHIBIT C

CUYAMACA WATER COMPANY

Statement of Earnings and Expenses for Twenty-four Months.

April 1, 1917 to April 1, 1919

Date	Irrig.	Domestic	City of San Diego	Non-Operating	Miscellaneous	Total Earnings	Total Expenses
1917							
April	2,339.85	1,313.55		56.01	19.50	3,638.91	5,760.41
May	3,385.85	1,363.80		45.91	19.50	3,814.06	4,005.55
June	3,863.87	2,131.65		45.91	14.00	6,054.43	4,224.54
July	4,689.05	2,154.75		92.96	21.25	6,958.01	4,708.57
Aug.	4,474.50	1,691.35		91.91	16.25	6,274.01	3,946.01
Sept.	3,848.58	1,593.55		105.36	17.50	5,564.99	4,130.53
Oct.	3,825.40	1,647.70		394.01	68.75	5,935.86	4,444.37
Nov.	2,612.65	1,449.50		413.31	36.00	4,510.46	5,307.25
Dec.	2,022.20	1,414.55		260.41	14.75	3,711.91	10,906.40
1918							
Jan.	1,696.55	1,235.95		168.91	7.50	3,106.91	4,254.93
Feb.	711.55	1,059.50		72.36	1.50	1,844.91	4,172.01
March	419.00	1,016.35		66.06	7.25	1,508.66	4,600.14
	32,788.05	18,071.20		1,810.12	243.75	52,913.12	60,460.71
April	1,574.25	1,525.35		112.71	11.00	3,223.31	5,841.23
May	4,420.60	1,981.20		211.51	42.50	6,655.81	4,462.97
June	4,611.30	2,618.10		199.63	14.75	7,444.38	5,384.42
July	5,036.05	2,379.30	4,140.20	151.68	10.00	11,717.23	5,762.28
Aug.	4,989.65	2,420.95	2,246.12	128.83	6.75	10,792.30	5,672.64
Sept.	4,464.05	2,058.10	6,502.82	118.23	9.75	13,152.96	5,125.91
Oct.	3,468.30	2,901.39	3,899.50	486.98	60.25	10,816.42	4,621.76
Nov.	1,987.55	1,502.30	7,155.63	465.48	12.25	11,129.11	5,354.47
Dec.	811.70	1,230.55	960.57	371.43	9.50	3,288.00	9,308.66
1919							
Jan.	909.95	1,398.25		251.88	12.50	2,572.58	4,278.55
Feb.	713.03	1,243.60		39.53	15.25	2,011.41	5,207.89
March	568.30	1,252.50		66.13	9.75	1,896.68	4,605.14
	33,555.33	22,511.49	25,904.85	2,574.02	224.50	84,700.19	65,625.92

S u m m a r y

Total Earnings (24 Months)		137,613.31
Total Expenses	126,086.63	
Depreciation	86,427.00	212,513.63
Deficit		<u>74,900.32</u>

Schedule _____

UYAMACA WATER COMPANY,
DESCRIPTION OF PROPERTY.

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The following property situate in the County of San Diego, and State of California, more particularly described as follows, to-wit:

The property described in that certain deed from the San Diego Flume Company, a corporation, to James A. Murray, dated June first, 1910, and of record in the office of the County Recorder of the said San Diego County in book No. 485 of Deeds, at pages 61, 62, 63, 64, 65, 66, 67, and 68 thereof;

The property described in that certain deed from the La Mesa Development Company, a corporation, to James A. Murray, dated November 17th, 1913, and of record in the office of the County Recorder of the said San Diego County, in book No. 635 of Deeds at pages 34, 35, and 36 thereof, except that portion of said property described in that certain deed from James A. Murray and Ed Fletcher, dated February 15th, 1916, and of record in the office of the County Recorder of the said San Diego County in book No. 703 of Deeds, at pages 232, et seq., thereof;

The property described in that certain final order of condemnation made by the Superior Court of the County of San Diego, and State of California, on the 29th day of December, 1917, in that certain action entitled: "James A. Murray, Ed Fletcher and Wm. G. Henshaw, plaintiffs, vs. M. C. Healion, County of San Diego, Defendants", being case No. 27,422 of the records of said court, and which said order of condemnation is of record in the office of the County Recorder of said county of San Diego and State of California, in book No. 745 of Deeds at pages 171, 172, and 173 thereof;

The property described in that certain final order of condemnation made by the Superior Court of the County of San Diego, State of California, on the 19th day of August, 1914, in that certain action entitled: "James A. Murray, and Ed Fletcher, plaintiffs, vs. La Mesa Development Company, a corporation, defendant", being case No. 18,980 of the records of said court, and which said order of condemnation is of record in the office of the County Recorder of said County of San Diego and State of California, in book No. 661 of Deeds at pages 313, 314, 315 and 316 thereof;

The property described in that certain deed from M. C. Healion to James A. Murray, dated March 17, 1917, and of record in the office of the County Recorder of the said San Diego County in book No. 731 of Deeds at pages 468 and 469 thereof;

The property particularly described as follows; to-wit: Beginning at the boundary line between Lots Nos. 151 and 153 of La Mesa Colony, according to Map No. 878, filed in the office of the County Recorder of the County of San Diego, State of California, September 4th, 1901, from whence the North corner of said lots Nos. 151 and 153 bears North 00°, 50' West 40 feet; thence

North $89^{\circ} 10'$ East 105 feet; thence South $0^{\circ} 50'$ East 31.7 feet; thence South $83^{\circ} 33'$ West 105.7 feet to the boundary line between said lots 151 and 152; thence North $0^{\circ} 50'$ West along said boundary line 43.93 feet to the place of beginning, containing .09 acres;

The Northeast quarter ($\frac{1}{4}$) of the Southwest quarter ($\frac{1}{4}$), and the North half ($\frac{1}{2}$) of the Southeast quarter ($\frac{1}{4}$), of Section Three (3), Township Fifteen (15) South, Range Three (3) East, S.B.M. Containing one hundred and twenty acres (120);

The Southeast quarter ($\frac{1}{4}$) of the Northeast quarter ($\frac{1}{4}$) of Section Seven (7); the South half ($\frac{1}{2}$) of the Northwest quarter ($\frac{1}{4}$), and the Southwest quarter ($\frac{1}{4}$) of the Northeast quarter ($\frac{1}{4}$) of Section Eight (8), Township Fifteen (15) South, Range Two (2) East, S. B. M.;

Block Nine (9) of Villa Caro Heights, according to map thereof No. 1345, filed in the office of the County Recorder of said San Diego County July 3, 1911;

That portion of Lot 136 of Murray Hill, according to Map thereof No. 1342, filed in the office of the Recorder of said San Diego County, June 8, 1911, lying East of a straight line drawn from the most Westerly corner of Lot 80 and the most Westerly corner of Lot 135 of said Murray Hill;

The property described in that certain deed from the Grossmont Park Company, a corporation, to James A. Murray, Ed. Fletcher and Wm. G. Henshaw, dated March 23, 1917, and of record in the office of the County Recorder of said San Diego County, in Book No. 730 of Deeds at page 235 et seq. thereof;

The property described in that certain deed from M. C. Healion to James A. Murray, Ed. Fletcher and William G. Henshaw, dated March 2nd, 1917, and of record in the office of the County Recorder of said San Diego County in book No. 725 of Deeds at page 330 thereof.

~~CONDONS~~
CUYAMACA WATER COMPANY

RIGHTS OF WAY, UNITED STATES RIGHTS GRANTED AND
PENDING, FLOODAGE RIGHTS AND RIPARIAN RIGHTS.

No. 1.

Contract to occupy lands and right of way for flume within the El Capitan Indian Reservation, with United States Department of the Interior, originally made with the San Diego Flume Company, as recorded in the office of the Commissioner of Indian Affairs at Washington, D. C., per letter from Department of Interior to Commissioner of Indian Affairs, dated September 16, 1892.

No. 2.

Amended right of way for concrete pipe line at San Creek over land in the El Capitan Indian Reservation, approved by United States Indian Service June 25, 1913, as per departmental letter of July 29, 1913.

No. 3.

Amended right of way for steel pipe line at South Fork Canyon, over the El Capitan Indian Reservation, granted in 1912.

No. 4.

Application for lands for reservoir purposes and easements for Conejos reservoir, pending; filed with the United States Department of the Interior in May, 1912. Stipulations signed for a payment of \$2,600.00 for lands to the Indian Bureau, in 1914.

No. 5.

Permit for use of public land for reservoir purposes in Poverty Gulch reservoir site July 26, 1913.

In southwest $\frac{1}{4}$ of southeast $\frac{1}{4}$ and southeast $\frac{1}{4}$ of northeast $\frac{1}{4}$, section 3, township 15 south, range 3 east, S.B.M. Approximately 40 acres.

No. 6.

Permit to occupy lands within the El Capitan Indian Reservation for pumping purposes, granted by United States Department of Interior dated September 12, 1913.

No. 7.

Right of way for the San Diego flume from the west boundary of El Capitan Indian Reservation to the Eucalyptus reservoir, traversing section 12, township 15 south, range 1 east, El Cajon Rancho, sections 17 and 18 of township 16 south, range 1 east, through section 24, township 16 south, range 1 west and through section 17, township 16 south, range 1 west.

No. 8.

Right of way for La Mesa ditch and pipe line through section 17, township 16 south, range 1 west and through La Mesa Colony to Murray reservoir.

No. 9.

A general right of way for pipe lines through all lots in La Mesa Colony.

No. 10.

Franchise of the county of San Diego granted December 22, 1913, as per resolution of the board of supervisors, upon El Cajon avenue, Monroe street, Monroe way, Isabella street, Ramona street and Lincoln street.

No. 11.

Franchise for pipe line granted by the city of La Mesa upon El Cajon avenue by ordinance dated December 26, 1913.

No. 12.

Franchise for pipe line granted by the city of East San Diego upon El Cajon avenue dated February 9, 1914.

No. 13.

The lease of parcel of land for pumping station in the northwest corner of lot "K" La Mesa Colony.

No. 14.

Easements and rights of way acquired by condemnation proceedings in the Superior Court in an action of Murray & Fletcher vs. La Mesa Development Company, judgment rendered on July 30, 1914.

No. 15.

Floodage rights over lands in La Mesa reservoir, to a maximum height of reservoir of 100 feet granted by Junipero Land and Water Company to San Diego Flume Company May 14, 1887, and recorded in Book of Deeds 99, page 466, records of San Diego County, California.

"EXHIBIT F"
SCHEDULE

CUYAMACA WATER COMPANY

WATER APPROPRIATIONS.

No. 1.

Appropriation by W. E. Robinson for 3500 Miner's Inches. Point of Diversion in canyon in Northeast quarter of Section Twelve, Township Fifteen South Range One East, dated March 24, 1885, and recorded in Book 1, Page 50, of Water Claims.

No. 2.

Appropriation by T. S. Van Dyke for 6000 inches. Point of diversion about one mile above the mouth of Chocolate Creek and about 300 yards below the mouth of the South Fork of the San Diego River, the narrowest part of said river bed near said point; dated April 26, 1885, and recorded in Book 1, page 59, of Water Claims.

No. 3.

Appropriation by W. E. Robinson. Claims all water flowing or to hereafter flow. Point of diversion about two thousand feet above the lower end of the boulder wash on the North Fork of San Diego River known as "Rocky Bar" below the entrance of Boulder Creek into said river; dated August 17, 1885, and recorded in Book 1, page 80 of Water Claims.

No. 4.

Appropriation by San Diego Flume Company of the diverting dam on San Diego River for 6,000 miner's inches, dated May 28, 1886, and recorded in Book of Water Claims No. 1, page 146.

No. 5.

Appropriation by San Diego Flume Company on south fork of San Diego River, for 4,000 miner's inches, dated June 29, 1886, and recorded in Book of Water Claims No. 1, page 153.

No. 6.

Appropriation by San Diego Flume Company on Boulder Creek (at Cuyamaca reservoir), for 2,000 miner's inches, dated August 4, 1886, and recorded in Book 1, page 159.

No. 7.

Appropriation by San Diego Flume Company. All waters of Chocolate Creek not belonging by appropriation to any one else in the County of San Diego to the extent of one hundred miner's inches, at a point about three quarters of a mile above the lower fork of the Chocolate Creek on the west fork of said creek, dated August 14, 1886, and recorded in Book 1, page 161, of Water Claims.

No. 8.

Appropriation by San Diego Flume Company. Same as above, (No. 7.) except that part of diversion is marked by a leaning sycamore eight inches in diameter, at a point in bed of creek about 1500 feet, more or less, above station 886-41 on Flume Line, recorded in Book 11, page 163 of Water Claims.

No. 9.

Appropriation by B. Otterstedt (assigned to Ed Fletcher) at diverting dam of San Diego River, for 100,000 miners inches, dated June 1, 1910, and recorded in Book 4 of Water Claims, page 51.

No. 10.

Appropriation by W. E. Keenan (assigned to Ed Fletcher) in the southwest quarter of section 23, Township 14 South, range 2 East, for 50 miner's inches of water, dated June 13, 1914, and recorded in Book 4, page 318 et seq. of Water Claims.

No. 11.

Appropriation by L. A. Olsen (assigned to Ed Fletcher) for 500 miner's inches in the northwest quarter of Section 8, Township 15 South, Range 2 East (El Capitan dam site), dated June 13, 1914, and recorded in Book of Water Claims No. 4, page 317 et seq.

SCHEDULE

CUYAMACA WATER COMPANY

PHYSICAL STRUCTURES AND IMPROVEMENTS.

NO. 1.

DAMS USED IN THE OPERATION OF THE WATER SYSTEM AS FOLLOWS:

The Cuyamaca dam.
The diverting dam upon the San Diego River.
The Eucalyptus dam located at the end of the flume.
The Murray Hill dam.
The Murray dam.

No. 2.

CONVEYING SYSTEM.

Flume, siphons, tunnels and conduits 33 miles in length, constituting the San Diego flume, and flume known as South Fork feeder.

No. 3.

PUMPING PLANTS DESCRIBED AS FOLLOWS:

Pumping Plant No. 1. The pumping plant known as No. 1 is located at the corner of Victoria street and Ramona avenue, in La Mesa Colony.

Pumping Plant No. 2. East 10 acres of southwest $\frac{1}{4}$ of northeast $\frac{1}{4}$ of section 8, township 15 south, range 2 east, S.B.M., and right of way for pipe line over lands of Robert Alvord in northwest $\frac{1}{4}$ of southeast $\frac{1}{4}$ of said section 8, to the flume of Murray & Fletcher; including pumping plant, wells and pipes on said lands.

Pumping Plant No. 3. Pumping Plant known as Plant No. 3 is located upon El Capitan Indian Reservation by permit of United States Department of Interior, located as follows:

In the southwest $\frac{1}{4}$ of southwest $\frac{1}{4}$ of section 22, township 14 south, range 2 east, S.B.M., whence southwest corner of said section 22 bears from center of said pumping plant house S. 38° W., 1,000 feet approximately; also wells and suction pipe lines occupying a strip of land 25 feet wide extending from center of said pumping plant house N. 45° W., 400 feet approximately, and a discharge line occupying a strip of land 5 feet wide extending from said S. 40° E., 350 feet, approximately to the flume of Murray Fletcher & Henshaw.

No. 4.

DISTRIBUTING PIPE LINES AS FOLLOWS:

The city of El Cajon system.

The Grossmont Park system, consisting of a reservoir in lot 469 and a reservoir in lot 449 in Grossmont Park, subdivision No. 3, and a reservoir in lot 21 and a reservoir near lot 75 of Grossmont Park subdivision No. 1 all pipe lines connecting these reservoirs and other distributing lines laid upon the private ways within these subdivisions up to and including meters of the consumers and the pipe line known as the Helix pipe line.

The water system in the streets of Murray Hill.

The water system in the streets of Hawley Heights.

The ditch and pipe line known as La Mesa ditch connecting the flume and Murray reservoir.

The 24-inch redwood pipe connecting Murray reservoir with the main distributing pipe at the corner of Victoria street and Ramona avenue, in La Mesa Colony.

Wood stave pipe supplying North La Mesa, approximately 8,000 feet long.

The main distributing system beginning at the Eucalyptus reservoir and running thence along El Cajon avenue, through the cities of La Mesa and East San Diego and all branches, consisting of:

Pipe.		Lin. Ft.
3	inch riveted Steel	364
4	" " "	4395
6	" " "	13277
8	" " "	5000
14	" " "	14918
16	" " "	8608
20	" " "	17189
15	" Reinforced Concrete	850
20	" " "	3600
24	" " "	5322
36	" " "	1948
3	" Screw Casing	2992
4	" " "	19294
5	" " "	249
6	" " "	735
8	" " "	2334
10	" " "	2840
11	" " "	1339
12	" " "	3376
$\frac{3}{4}$	" Standard Screw	18019
1	" " "	13001
$1\frac{1}{4}$	" " "	703
$1\frac{1}{2}$	" " "	7954
2	" " "	92294
3	" " "	19082
$3\frac{1}{2}$	" " "	1170
4	" " "	1080
6	" " "	275
12	" Converse Screw	1505
4	" Cast Iron	1680
6	" " "	6263
8	" Wood	7325
24	" " "	5959
36	" " "	1237

No. 5.

Buildings as follows:

Buildings at Cuyamaca reservoir, Murray reservoir and Eucalyptus reservoir.

Section houses at diverting dam, Chocolate Canyon, Los Coches, Los Coches trestle and section No. 5.

No. 6.

Automobiles, wagons and tools, now in use by company.

CUYAMACA WATER COMPANY

The properties of the Cuyamaca Water Company are as follows:

1. Shops located at Normal Heights, with real property on which they are located.
2. Materials and supplies on hand, including office equipment, supplies, maps, schedules, charts, drawings and other data collected by Cuyamaca Company.
3. Miles pumping plant.
4. Grossmont pumping plant.
5. Telephone lines.
6. Miles reservoir No. 2, with real property on which it is located.
7. Boulder Creek weir.
8. Meteorological instruments.
9. Right of way for flowage and keeper's house at diverting dam.
10. Kelly ditch and right of way therefor, being a ditch and right of way located above the Cuyamaca damsite and used for the purpose of diverting water into Cuyamaca reservoir.
11. All riparian rights and rights to diversion on and along San Diego River owned and controlled by James A. Murray, Ed. Fletcher or William G. Henshaw.
12. All pipe, casings and fittings located in El Cajon avenue and installed during the years 1914 and 1915 for the purpose of delivering flood waters of the San Diego River to the city of San Diego.
13. One 12 inch Booster Pump at Old La Mesa.
14. Six Hundred Sixty-one meters varying in size from 5/8 inch to 8 inches.

"EXHIBIT H"

SCHEDULE

CUYAMACA WATER COMPANY

DESCRIPTION AND APPRAISAL OF PROPERTIES.

ITEM NO.	PROPERTIES	APPRAISAL	ORIGINAL COST & COST TO APPLICANTS
1	COLLECTION SYSTEM	\$140,745.00	The original cost of these properties was in excess of \$1,200,000. The original San Diego Flume Company's system was purchased by applicants in the year 1910 for the sum of \$150,000. Since that time applicants have expended in improvements, additions and extensions the sum of \$844,087.54, as shown by the reports on file under the heading "Constructive and Capital Expenditures."
2	TRANSMISSION SYSTEM	667,851.00	
3	DISTRIBUTION SYSTEM	481,944.00	
4	TELEPHONE LINES	3,918.00	
5	MISCELLANEOUS	20,948.00	
6	REAL ESTATE	333,402.00	
		1,648,808.00	This does not include the value of any water rights.

"EXHIBIT I"

SCHEDULE

CUYAMACA WATER COMPANY

Cost of Properties plus 8% interest compounded from
June 1, 1910 to April 1, 1919.

Year		Investments	Interest 8% Compounded	Total
1910	Capital expenditures	155,390.32		
	8% interest for 8 years 7 months		145,640.73	301,031.05
1911	Capital expenditures	51,815.20		
	8% interest for 7 years 6 months		40,539.37	92,354.57
1912	Capital expenditures	53,902.63		
	8% interest for 6 years 6 months		35,055.52	88,958.15
1913	Capital expenditures	89,908.33		
	8% interest for 5 years 6 months		47,480.69	137,389.02
1914	Capital expenditures	170,411.85		
	8% interest for 4 years 6 months		70,018.38	240,430.23
1915	Capital expenditures	279,292.79		
	8% interest for 3 years 6 months		86,608.83	365,901.62
1916	Capital expenditures	30,995.52		
	8% interest for 2 years 6 months		6,603.78	37,599.30
1917	Capital expenditures	75,852.19		
	8% interest for 1 year 6 months		9,344.99	85,197.18
1918	Capital expenditures	86,518.71		
	8% interest for 0 year 6 months		3,460.75	89,979.46
	Total			<u>1,438,840.58</u>

COPY

BEFORE THE RAILROAD COMMISSION
OF THE STATE OF CALIFORNIA.

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In the Matter of the Appli-
cation of James A. Murray,
William G. Henshaw, and Ed
Fletcher, Co-partners, doing
business under the firm name
and style of the Cuyamaca
Water Company, for an order
Authorizing and Permitting an
Increase in the rentals, tolls,
and charges for water furnished
by them and service rendered
by them in Furnishing Water in
the County of San Diego, State
of California.

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A P P L I C A T I O N

Charles O. Crouch,
Attorneys at Law,
San Diego, California.

Ed Fletcher Papers

1870-1955

MSS.81

Box: 58 Folder: 10

Business Records - Water Companies - Cuyamaca Water Company - State Railroad Commission - Applications #4515, 1919, and #8451, seeking permission for rate increase



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