

Decision No.     

BEFORE THE RAILROAD COMMISSION  
OF THE STATE OF CALIFORNIA.

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ORIGINAL

In the Matter of the Application of  
CITY OF SAN DIEGO, an incorporated  
city, for an order of the Railroad  
Commission fixing and determining the  
just compensation to be paid to JAMES  
A. MURRAY, ED FLETCHER and WILLIAM G.  
HENSHAW, co-partners doing a public  
utility water business under the firm  
name and style of CUYAMACA WATER COM-  
PANY, for their lands, property and  
rights.

Application No. 1482.

T. B. Cosgrove, City Attorney, for City of San Diego.  
Sweet, Stearns and Forward, by Frederick W. Stearns,  
S. B. Robinson and A. E. Chandler for James A.  
Murray, Ed Fletcher, William G. Henshaw and  
Cuyamaca Water Company.

THELEN, Commissioner.

O P I N I O N .

This is a proceeding to fix and determine the just com-  
pensation to be paid by the City of San Diego, an incorporated  
city, for the lands, property and rights of James A. Murray, Ed  
Fletcher and William G. Henshaw, co-partners engaged under the  
firm name and style of Cuyamaca Water Company (hereinafter referred  
to as Cuyamaca Company) in the business of selling water for  
municipal, domestic and irrigation purposes in San Diego County.  
This proceeding is brought under the provisions of Section 47  
of the Public Utilities Act. This section provides in part that  
any incorporated city or town may file with the Railroad Commission  
a petition setting forth the intention of such incorporated city  
or town to acquire under eminent domain proceedings, or otherwise,  
any existing public utility, and the lands, property and rights  
of any character whatsoever connected with such existing public  
utility, or any part or portion thereof; that said petition shall

give a full and complete description of the property which it is intended to acquire; that the Railroad Commission shall thereupon proceed to fix and determine the just compensation that shall be paid to the owner of the public utility for the lands, property and rights thereof, or any part or portion thereof, in accordance with the provisions of Section 70 of the Public Utilities Act; that the compensation fixed by the Railroad Commission in such proceeding shall be conclusive upon any court in which a proceeding for condemnation may thereafter be brought; that the Railroad Commission's findings shall be subject to review by the Supreme Court of this State in the same manner and within the same time as other orders and decisions of the Railroad Commission; and that if the Supreme Court shall decide that in any manner the Railroad Commission has not lawfully pursued its power, the court shall make its finding and refer the matter back to the Railroad Commission for correction or further action.

The procedure to be followed in such proceeding is set forth in Section 70 of the Public Utilities Act.

The City of San Diego's petition herein alleges in part that the applicant is a municipal corporation operating under a freeholders' charter; that it is the intention of the City of San Diego to acquire under eminent domain proceedings certain land property and rights of an existing public utility, being an existing water system known as the Cuyamaca Water System, now operated and conducted for the purpose of impounding, conserving and distributing water for municipal, domestic and irrigation purposes which said public utility and the lands, property and rights connected therewith are located in San Diego County and belong to and are owned and controlled by James A. Murray, Ed Fletcher and William G. Henshaw; that on January 4, 1915, the Common Council of the City of San Diego adopted Ordinance No. 5977 and that the public interest, convenience and necessity of San Diego and of the inhabitants thereof require

*CORRECTION*

# CORRECTION

THIS DOCUMENT  
HAS BEEN REPHOTOGRAPHED  
TO ASSURE LEGIBILITY

give a full and complete description of the property which it is intended to acquire; that the Railroad Commission shall thereupon proceed to fix and determine the just compensation that shall be paid to the owner of the public utility for the lands, property and rights thereof, or any part or portion thereof, in accordance with the provisions of Section 70 of the Public Utilities Act; that the compensation fixed by the Railroad Commission in such proceeding shall be conclusive upon any court in which a proceeding for condemnation may thereafter be brought; that the Railroad Commission's findings shall be subject to review by the Supreme Court of this State in the same manner and within the same time as other orders and decisions of the Railroad Commission; and that if the Supreme Court shall decide that in any manner the <sup>Railroad</sup> Commission has not lawfully pursued its power, the court shall make its finding and refer the matter back to the Railroad Commission for correction or further action.

The procedure to be followed in such proceeding is set forth in Section 70 of the Public Utilities Act.

The City of San Diego's petition herein alleges in part that the applicant is a municipal corporation operating under a freeholders' charter; that it is the intention of the City of San Diego to acquire under eminent domain proceedings certain lands, property and rights of an existing public utility, being an existing water system known as the Cuyamaca Water System, now operated and conducted for the purpose of impounding, conserving and distributing water for municipal, domestic and irrigation purposes, which said public utility and the lands, property and rights connected therewith are located in San Diego County and belong to and are owned and controlled by James A. Murray, Ed Fletcher and William G. Henshaw; that on January 4, 1915, the Common Council of the City of San Diego adopted Ordinance No. 5977 declaring that the public interest, convenience and necessity of the City of San Diego and of the inhabitants thereof required the acquisition,

construction and completion of the properties of the Cuyamaca Company, as described in the Ordinance, and declaring the intention of the City of San Diego to acquire under eminent domain proceedings such property and directing the City Attorney to commence an action in the Superior Court of San Diego County for the purpose of condemning and acquiring said property, a copy of which Ordinance is attached to the petition and marked Exhibit "A"; that attached to the petition and marked Exhibit "B" is a schedule of the lands, property and rights of the Cuyamaca Company which the City of San Diego intends to acquire by eminent domain proceedings and for which the City of San Diego asks the Railroad Commission to fix and determine the just compensation to be paid by the City of San Diego; that attached to the petition and marked Exhibit "C" is a schedule of a portion of the lands, property and rights of the Cuyamaca Company which portion of said lands, property and rights the City of San Diego desires to acquire by eminent domain proceedings and for which portion of said lands, property and rights the City of San Diego asks the Railroad Commission to fix and determine the just compensation to be paid by the City of San Diego, in case it shall be determined by the courts that the City of San Diego has not the power to acquire title to the entire property described in Exhibit "B" attached to the petition; that the City of San Diego as the successor to the Ancient Mexican Pueblo of San Diego claims a prior and paramount right to the use for municipal purposes of the waters of the San Diego River and its tributaries, and that as to the water rights and water appropriations upon the San Diego River and its tributaries listed in Exhibits "B" and "C" attached to the petition, the City of San Diego disputes the right and title of James A. Murray, Ed Fletcher and William G. Henshaw; and that it is probable that an action will shortly be commenced by the City of San Diego in the courts of competent jurisdiction to

determine the rights of the City of San Diego in the waters of the San Diego River and that it would be desirable to have the Railroad Commission, in the present proceeding, state separately the value of the water rights and appropriations listed in said exhibits. The City of San Diego asks the Railroad Commission to fix and determine the just compensation to be paid by the City of San Diego for the lands, property and rights of the Cuyamaca Company, as described in Exhibit "B" attached to the petition herein, and for that portion of the lands, property and rights which is described in Exhibit "C" attached to the petition herein and for such other and further relief as to the Railroad Commission may seem just and equitable.

Exhibit "A" attached to the petition herein, being a copy of Ordinance No. 5977 of the Common Council of the City of San Diego, contains exactly the same description of the property of the Cuyamaca Company as is attached to the contract dated November 17, 1914, between James A. Murray and Ed Fletcher, co-partners doing business under the firm name and style of Cuyamaca Water Company, and La Mesa, Lemon Grove and Spring Valley Irrigation District, a copy of which contract is attached to the petition in Application No. 1432, being the joint application of Murray and Fletcher and the Irrigation District for an order fixing and determining the price to be paid by the Irrigation District to the Cuyamaca Company for its lands, property and rights and authorizing the Cuyamaca Company to sell said lands, property and right to the Irrigation District at such price. Reference is hereby made to the opinion and order this day rendered in said Application No. 1432.

Exhibit "B" attached to the petition herein contains the same property descriptions as are described in said Ordinance No. 5977 and in the contract of November 17, 1914, between Murray and Fletcher and the Irrigation District.

Exhibit "C" attached to the petition herein, contains a description of the portion of the lands, property and rights of the Cuyamaca Company hereinbefore referred to, <sup>and</sup> describes the same property as that which appears in Exhibit "B" except that the following omissions are made:

1. From the first schedule, describing real property other than easements, Exhibit "C" omits the following parcels of land:

- a. Poverty Gulch Reservoir site.
- b. Webster Reservoir site.
- c. Park Reservoir site, also known as Miles No. 1 Reservoir site.

2. From the second schedule, describing rights of way, federal rights granted and pending, flowage rights and riparian rights, the following items are omitted:

a. Item No. 1 - Permit issued by United States Department of Agriculture, Forest Service, for a canal upon Boulder Creek, dated July 2, 1914.

b. Item No. 2 - Application to United States Department of Agriculture, Forest Service, for final power permit on Boulder Creek, filed June 6, 1914 - temporary permit to proceed with construction issued July 3, 1914, and final stipulation signed August 3, 1914.

c. Item No. 3 - 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., as per letter from Department of Interior to Commissioner of Indian Affairs, dated September 16, 1892.

d. Item No. 4 - Amended right of way for concrete pipe line at Sand 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.

e. Item No. 5 - Amended right of way for steel pipe line at South Fork Canyon over the El Capitan Indian Reservation, granted in 1912.

f. Item No. 6 - 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 for a payment of \$2600 for lands to the Indian Bureau having been signed in 1914.

g. Item No. 7 - Permit for the use of public lands for reservoir purposes in Poverty Gulch Reservoir site, July 26, 1913, being approximately 40 acres in the southwest quarter of the southeast quarter and the southeast quarter of the northeast quarter of Section 3, Township 15 south, range 3 east S.B.M.

h. Item No. 8 - Permit to occupy lands within the El Capitan Indian Reservation for pumping purposes, granted by United States Department of the Interior, dated September 12, 1913.

i. Item No. 11 - A general right of way for pipe lines through all lots in La Mesa Colony.

3. From the third schedule, being a list of physical structures and improvements, the following items are omitted:

a. The City of El Cajon's distributing system, partly installed and partly under construction.

b. The Grossmont Tract system, consisting of a reservoir in lot No. 449 in Grossmont Tract, subdivision No. 3, and a reservoir in lot No. 21 and a reservoir near lot No. 75 of Grossmont Tract subdivision No. 1, together with 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.

- c. The water system in the streets of Murray Hill.
- d. The water system in the streets of Hawley Heights.
- e. The wood stave pipe supplying North La Mesa, approximately 8,000 feet long.

f. The following lengths of pipe in the main distributing system:

<u>Pipe</u>	<u>Lin. Ft.</u>
4 inch riveted steel . . . . .	7,500
6 " " " . . . . .	1,200
8 " " " . . . . .	5,000
3 " screw casing. . . . .	5,966
4 " " " . . . . .	3,296
6 " " " . . . . .	334
8 " " " . . . . .	284
10 " " " . . . . .	350
11 " " " . . . . .	339
1 " standard screw. . . . .	9,898
1 1/2 " " " . . . . .	2,395
2 " " " . . . . .	88,919
3 " " " . . . . .	10,042
4 " " " . . . . .	4,516
4 " Cast iron . . . . .	1,681
6 " " " . . . . .	7,422

g. Wagons and tools now in use by Company.

4. From the fourth schedule, being water appropriations, there is omitted the following item:

- a. Item No. 7 - Permit for appropriation of water for power purposes of State Water Commission on Boulder Creek in Section 10, Township 14 south, range 3 east, S.B.M., for 50 cubic feet per second, filed May 9, 1913, granted March 12, 1914 and recorded in Book 4 of water claims at page 208.

By consent of all parties the hearing in this proceeding was consolidated with the hearings in application No. 1432, Application No. 1231, Case No. 716, Case No. 724 and Supplemental Application No. 118, all being proceedings affecting the Cuyamaca Company. It was stipulated that the evidence taken in each of these proceedings might be considered as having been offered and intro-

duced in each of the other proceedings. Public hearings in these proceedings were held in the City of San Diego on February 15, 16, 17, 18, 19 and 20 and April 12, 13, 14, 15, 16 and 17, 1915. The parties in certain of these proceedings requested authority to file briefs, which briefs have now been filed. The present proceeding is now ready for decision.

At the hearing, the City of San Diego filed its Exhibit No. 8 adding to the list of property described in Exhibit "B" attached to the petition herein, being the exhibit which undertook to describe the entire property of Cuyamaca Company, the following items:

1. Pumping plant No. 4 (below diverting dam).
2. Pumping plant No. 5 (Miles Station).
3. Grossmont pump station.
4. La Mesa Dam pumping plant.
5. Telephone lines.
6. Miles Reservoir No. 2.
7. Measuring station below diverting dam.
8. Measuring station at Old Mission Dam.
9. Boulder Creek weir.
10. Sand Creek cement shed.
11. Meteorological instruments.
12. Webster Reservoir.
13. South Fork cook shack.
14. Right of way for flowage and keeper's house at diverting dam.
15. Right of way for Kelly Ditch.

The City of San Diego also filed its Exhibit No. 15 containing additions to its Exhibit "C" attached to the petition herein. This exhibit adds to the property described in said Exhibit "C" attached to the petition herein four of the fifteen items described in City of San Diego's Exhibit No. 8, as follows:

Item No. 4 - La Mesa Dam pumping plant.

Item No. 5 - Telephone lines.

Item No. 14- Right of way for flowage and keeper's house at diverting dam.

Item No. 15- Right of way for Kelly Ditch.

Later in the hearing the City of San Diego filed as its Exhibit No. 22, a copy of Ordinance No. 6104 of the Common Council of the City of San Diego, amending Section 1 of Ordinance No. 5977, being the ordinance under which these proceedings were initiated, by adding thereto Section 1-a to include the following additional lands, property and rights of the Cuyamaca Company:

1. The southeast quarter of northeast quarter of Section 7 and south half of northwest quarter and the southwest quarter of northeast quarter of Section 8, Township 15 South, Range 2 East, S.B.M. (Kuehner property).

2. All riparian rights and rights of diversion on and along the San Diego River, owned or controlled by James A. Murray, Ed Fletcher and William G. Henshaw, all as more particularly shown and described in Cuyamaca Company's Exhibit No. 30 in Application No. 1231.

3. Kelly Ditch.

4. a. Motors, pumps, pipe lines, wells and other equipment installed or in process of installation at El Monte pumping plant;

b. All pipe, casing 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;

c. 265 meters, varying in size from 5/8 inch to 3 inches;

all of which properties are described in City of San Diego's Exhibit No. 21 in this proceeding.

It appears that parcel No. 1, the Kuehner property, was already included in the original ordinance. The Kelly Ditch, while not specifically included in the original ordinance, was included in the City of San Diego's Exhibit No. 8. The description of the El Monte Pumping plant, as contained in the original ordinance, contains the following omnibus clause:

"Together with all wells, pumps, pumping plants, oil tanks, store houses and all other structures or personal property now situated, lying or stored thereon."

This language, which will be used in the description of the El Monte Pumping plant property contained in Exhibit No. 1 attached hereto, speaking as of the date of the decision herein, will cover Item No. 4-a included in Ordinance No. 6104.

At the time the City of San Diego filed the copy of Ordinance No. 6104, being the City's Exhibit No. 22, the City also filed its Exhibit No. 21 containing a statement of certain additional properties consisting of the El Cajon Avenue lines together with the connection with the City of San Diego's main at Highland Avenue, the lines in the City of El Cajon, the master meters and certain additions to the El Monte pumping plant.

At the conclusion of the hearing, City Attorney Cosgrove requested that the City of San Diego's petition and schedules be considered as amended so as to include all property including all permits and privileges and all schedules, maps, charts and data concerning which testimony had been presented.

As the result of the original petition herein and of the various additions to the properties herein described, contained in the supplemental schedules filed by the City of San Diego, the Railroad Commission is now asked to fix and determine the fair compensation to be paid by the City of San Diego to Cuyamaca Company for two separate and distinct property schedules, as follows:

1. The entire property of the Cuyamaca Company with the exception of 601 acres retained by the Company near Cuyamaca Lake,

being the same property described in Exhibit No. 1 attached to the opinion and order this day rendered in Application No. 1432, being the joint application of Murray and Fletcher and La Mesa and Spring Valley Irrigation District.

2. A portion only of the property of the Cuyamaca Company, being all of the property referred to in the preceding paragraph, except the items which have been excluded from the original and supplementary schedules, as hereinbefore specifically set out.

The facts bearing on the value of the property of the Cuyamaca Company were fully discussed in the decision this day rendered in Application No. 1432. It would be surplusage to repeat here what was there said.

I find as a fact that the fair value of the property of Cuyamaca Company described in Exhibit "B" attached to the petition herein together with the additions thereto, being the property particularly described in Exhibit No. 1 which is attached to the opinion and findings herein, and made a part hereof, is the sum of \$745,000.

As already pointed out in the summary of the allegations of the petition herein, the City of San Diego requested that the Railroad Commission, if possible, determine separately and apart from the other portions of the property, the value of certain intangible items. Although I am anxious to accommodate the City of San Diego in this matter, I am of the opinion that such segregation can not be made. Whatever intangible items exist must be considered as enhancing the value of the utility's tangible properties. Spring Valley Water Works v. City and County of San Francisco, 192 Fed. 137, 167; Brunswick & Topsham Water District v. Maine Water Company, 99 Me. 371, 59 Atl. 537, 539. These intangible items can not be valued apart from the public utility system of which they are part and parcel. Accordingly, I regret my inability to follow the City's request in this particular.

It now becomes necessary to make a finding with reference to the compensation to be paid by the City of San Diego for that portion of the property of the Cuyamaca Company which is described in Exhibit "C" attached to the petition herein as modified at the hearing. This property will be described in Exhibit No. 2 which will be attached to the opinion and findings herein and made a part hereof. The dismemberment of the system of the Cuyamaca Company as contemplated in this second schedule of properties will leave the properties remaining in the ownership of Cuyamaca Company of considerably less value than their value as a portion of the Company's entire system. In fact, certain of these properties, if segregated from the remaining properties, will have no value whatsoever. After careful consideration I find as a fact that the fair value of that portion of the lands, property and rights of the Cuyamaca Company which is described in Exhibit "C" attached to the petition herein, as modified at the hearing herein, being the property particularly described in Exhibit No. 2 attached to the opinion and findings herein, which exhibit is hereby made a part of the opinion and findings herein, is the sum of \$644,669.00 and that the severance damage to the property of Cuyamaca Water Company not taken will be the sum of \$32,966.12.

I recommend the following findings:

#### F I N D I N G S .

City of San Diego, a city incorporated under the laws of the State of California, having filed with the Railroad Commission a petition setting forth the intention of said City to acquire under eminent domain proceedings the lands, property and rights of James A. Murray, Ed Fletcher and William

G. Henshaw engaged as co-partners under the firm name and style of Cuyamaca Water Company in the ownership and operation of a public utility water company in San Diego County, and asking the Railroad Commission to fix and determine the just compensation to be paid to said James A. Murray, Ed Fletcher and William G. Henshaw for the public utility and the lands, property and rights thereof and for the specified portion of said lands, property and rights, and public hearings having been held and the Commissioner who heard the evidence having made a personal inspection of said lands and property of said James A. Murray, Ed Fletcher and William G. Henshaw, and being fully apprised in the premises,

THE RAILROAD COMMISSION HEREBY FINDS AS A FACT that the just compensation to be paid by the City of San Diego to James A. Murray, Ed Fletcher and William G. Henshaw, doing business under the firm name and style of Cuyamaca Water Company for said Company's lands, property and rights as particularly described in the exhibit which is hereto attached, marked Exhibit No. 1 and made a part of these findings, is the sum of \$745,000.

THE RAILROAD COMMISSION HEREBY FINDS AS A FACT that the just compensation to be paid by the City of San Diego to James A. Murray, Ed Fletcher and William G. Henshaw, doing business under the firm name and style of Cuyamaca Water Company, for that portion of their lands, property and rights which is particularly described in Exhibit No. 2 attached to the opinion and findings herein and made a part thereof, is the sum of \$644,669.00 and that the severance damage to

the property of Cuyamaca Water Company not taken, which damages are to be paid by City of San Diego if the lands, property and rights described in said Exhibit No. 2 are taken, is the additional sum of \$32,966.12, making a total of \$677,635.12 as the just compensation to be paid by the City of San Diego.

The foregoing opinion and findings are hereby approved and ordered filed as the opinion and findings of the Railroad Commission of the State of California.

Dated at San Francisco, California, this 26<sup>th</sup> day of June, 1915.

Max J. Baker  
W. H. ...  
Alex. Gordon  
Edwin D. Edgerton  
Frank R. ...

Commissioners.



EXHIBIT No. 1.

SCHEDULE "A"

REAL PROPERTY

Parcel No. 1.

CUYAMACA RESERVOIR AND GROUNDS AT KEEPER'S HOUSE.

DESCRIPTION.

All that portion of lots "D" "E" and "G" of the Cuyamaca Rancho in said County as set out in the decree of Partition of said Rancho recorded in Book 43 of Deeds at page 309 et seq in the County Recorder's Office of said County, particularly described as follows:

Beginning at a point north 89°25' east, 448.8 ft. from Corner 6 of said Lot "E":

thence N 21°12' E	1094 feet;
thence N 4°20' E	995.5 feet;
thence N 32°18' W	507.6 feet;
thence N 10°27' W	866.5 feet;
thence N 53°42' W	439.0 feet;
thence N 2°52' W	141.3 feet;
thence N 40°06' W	536.1 feet;
thence N 69°26' W	193.4 feet;
thence N 65°11' W	671.1 feet;
thence S 37°52' W	309.3 feet;
thence N 52°08' W	640.5 feet;
thence N 37°57' E	1028.0 feet;
thence S 76°00' E	1043.0 feet;
thence S 89°13' E	504.8 feet;
thence S 79°40' E	880.7 feet;
thence N 74°57' E	408.5 feet;
thence S 80°07' E	571.4 feet;
thence N 36°13' E	451.5 feet;
thence N 54°30' E	11.21 chains;
thence N 40°30' E	11.97 chains;
thence N 62°06' E	17.88 chains;
thence N 22°00' E	13.48 chains;
thence S 41°00' E	4.16 chains;
thence N 45°00' E	11.82 chains;
thence S 83°15' W	9.47 chains;
thence N 20°15' E	17.68 chains;
thence N 61°30' E	12.73 chains;
thence N 10°30' E	7.80 chains;
thence N 18°45' W	11.74 chains;
thence N 1°39' W	5.53 chains;
thence N 53°15' E	12.35 chains;
thence N 14°30' E	13.03 chains;
thence S 68°15' E	10.30 chains;

thence South	7.50 chains;
thence S 25°30' E	7.87 chains;
thence S 16°15' W	11.66 chains;
thence S 27°45' E	21.67 chains;
thence N 82°30' E	14.01 chains;
thence S 32°45' E	10.45 chains;
thence S 62°00' E	6.97 chains;
thence S 26°15' W	7.20 chains;
thence S 33°00' E	5.75 chains;
thence W 69°39' W	5.45 chains;
thence South	8.64 chains;
thence S 48 30' W	11.51 chains;
thence N 52 15' W	5.91 chains;
thence N 32 15' W	5.45 chains;
thence S 69 07' W	7.43 chains;
thence S 15 16' E	11.69 chains;
thence S 34 29' E	8.24 chains;
thence S 12 15' E	4.03 chains;
thence S 32 21' W	12.23 chains;
thence S 12 40' W	13.32 chains;
thence S 10 24' W	7.91 chains;
thence S 41 53' W	5.20 chains;
thence S 7 44' W	7.67 chains;
thence S 74 27' W	15.09 chains;
thence S 00 22' W	5.92 chains;
thence S 89 25' W	20.00 chains;
thence W 00 22' E	5.12 chains;
thence W 41 25' W	7.83 chains;
thence W 58 08' W	6.58 chains;
thence W 28 15' W	5.20 chains;
thence N 00 15' E	4.70 chains;
thence W 26 46' W	2.42 chains;
thence W 75 15' W	6.97 chains;
thence S 57 30' W	2.65 chains;
thence S 22 00' W	8.33 chains;
thence W 77 00' W	3.03 chains;
thence W 41 00' W	4.55 chains;
thence S 73 00' W	8.33 chains;
thence S 62 30' W	4.92 chains;
thence S 34 15' W	7.58 chains;
thence S 8 15' W	7.58 chains;
thence S 10 45' E	4.92 chains;
thence S 29 00' E	4.55 chains;
thence S 56 30' E	1.79 chains;
thence W 84 30' E	4.05 chains;
thence N 59 00' E	7.58 chains;
thence W 86 00' E	3.79 chains;
thence S 68 00' E	6.97 chains;
thence S 32 02' E	5.30 chains;
thence S 24 58' W	3.03 chains;
thence W 65 02' W	10.61 chains;
thence S 71 58' W	1.21 chains;
thence S 43 58' W	9.09 chains;
thence S 52 57' W	3.99 chains;
thence S 23 59' W	7.77 chains;
thence N 65 04' W	5.70 chains;
thence S 73 46' W	5.07 chains;
thence S 30 10' W	7.14 chains;
thence West	2.58 chains;
thence South	3.02 chains;
thence West	10.00 chains;

subject to the reversionary interest in favor of R. W. Waterman to the property described in deed from R. W. Waterman to San Diego Flume Company, recorded in Book 188, page 141 of Deeds, Records of San Diego County, California.

Parcel No. 2.

POVERTY GULCH RESERVOIR SITE.

DESCRIPTION.

NE $\frac{1}{2}$  of SW 1/4 and N $\frac{1}{2}$  of SE 1/4 of Section 3, Township 15 South, Range 3 East, S.B.M., containing 120 acres.

Parcel No. 3.

KUEHNER PROPERTY, UPON WHICH CHOCOLATE PUMPING PLANT  
AND EL CAPITAN RESERVOIR SITE ARE LOCATED.

DESCRIPTION

SE 1/4 of NE 1/4 of Section 7 and S 1/2 of NW 1/4 and SW 1/4 of NE 1/4 of Section 8, in Township 15 South, Range 2 East, S. B. M., containing 160 acres.

Parcel No. 4.

WEBSTER RESERVOIR.

DESCRIPTION.

Block 9 of Villa Caro Heights per map thereof No. 1345 of Records of San Diego County, California, containing 0.14 acres more or less.

Parcel No. 5

MURRAY HILL RESERVOIR

DESCRIPTION

All that portion of Lot 136 of Murray Hill per map thereof No. 1342 filed in the County Recorder's Office of San Diego County, California, lying east of a straight line, between the west corner of Lot 80 of Murray Hill and the west corner of Lot 125 of Murray Hill, and containing 15.4 acres more or less.

Parcel No. 6.

PARK RESERVOIR ( ALSO KNOWN AS MILES RESERVOIR NO.1 )

DESCRIPTION

The Park Reservoir site and the reservoir built thereon situate in Lots 1 and 2 Block 29, El Cajon Heights, as per license survey map No. 50, records of San Diego County, and more particularly described as follows, to-wit:

Commencing at the southwest corner of Lot 4, Block 29, El Cajon Heights, thence south 70 degrees 52'30" E along the northeast line of the County Road 178 feet; thence N 79 degrees 5 $\frac{1}{2}$ ' east along said County Road 1150 feet; thence continuing N 79 degrees 5 $\frac{1}{2}$ ' E 16.1 feet to the point of beginning of the traverse of said reservoir; thence N 10 degrees 57' E 548.8 feet; thence N 17° 11' W 100.5 feet; thence N 32° 11' W 50 feet; thence N 29° 08' E 100 feet more or less to the southerly line of the San Diego flume right of way; thence along said southerly line south 60° 52' E 472 feet; thence S 32° 45' W 216.5 feet; thence S 8° 15' W 263 feet more or less to the northerly line of said County Road; thence along said northerly line of said County Road S. 79° 03 $\frac{1}{2}$ ' W 200 feet to the point of beginning. Containing 5.42 acres more or less.

Parcel No. 7.

EUCALYPTUS RESERVOIR.

DESCRIPTION

That portion of Lot 4 in Section 17, Township 16 South, Range 1 West, S. B. M., in the County of San Diego, State of California, more particularly described as follows:

Commencing at a point 541 feet north 75°36' east from the southwest corner of said Lot 4,  
thence N 75° 36' E 60 feet to corner No. 1,  
thence N 71° 06' E 163.2 feet to corner No. 2,  
thence N 88° 01' E 25.9 feet to corner No. 3,  
thence S 79° 29' E 143.5 feet to corner No. 4,  
thence S 66° 23' E 106.9 feet to corner No. 5,  
thence S 58° 41' E 177.0 feet to corner No. 6,  
thence N 3° 03' E 70.7 feet to corner No. 7,  
thence N 45° 17' W 101.6 feet to corner No. 8,  
thence N 52° 51' W 280.2 feet to corner No. 9,  
thence N 45° 29' W 179.4 feet to corner No.10,  
thence S 84° 07' W 130.1 feet to corner No.11,  
thence S 72° 33' W 238.0 feet to corner No.12,  
thence S 16° 25' E 278.0 feet to point of beginning.

Also that certain other tract of land bounded and particularly described as follows, to-wit:-

Commencing at a point 108.2 N. 45° 9' W from corner No. 9 of the above described tract,  
thence N 20° 21' E 350.0 feet,  
thence N 69° 39' W 110.0 feet, to east side of right of way of San Diego Flume Company.  
thence S 30° 00' W 344.0 feet along east side of said right of way.  
thence N 84° 07' E 52.0 feet,  
thence S 45° 29' E 71.2 feet to point of beginning.

Parcel No. 8

LA MESA RESERVOIR.

DESCRIPTION

That portion of La Mesa Colony in the Rancho Mission of San Diego, according to the map thereof filed in the County Recorder's Office of said San Diego County, September 4th, 1901, and numbered 876 of the maps filed in said office, particularly described as follows:

Beginning at a point 855 feet north  $36^{\circ} 32'$  east of the northwest corner of the southwest quarter of Section 13, Township 16, South, Range 2 West, S. B. M. at a stake set in the stone mound, thence N  $36^{\circ} 32'$  E on boundary line of Lot 19 of Rancho Mission of San Diego, according to the partition map thereof on file in the office of the Clerk of the Superior Court of the County of San Diego, California, and also on file in the office of the Recorder of said County, which boundary line of Lot 19 on said Rancho Mission is as marked and delineated on said amended map of La Mesa Colony, to the corner of said Lot 19, which lies west of the North boundary of Lot 196 of said La Mesa Colony, thence east on the north boundary of said Lot 19 of said Ex Mission Rancho to the northwest corner of said Lot 196 of La Mesa Colony, thence south, southerly and southeasterly along the westerly line of said Lot 196 of La Mesa Colony and along the southerly boundary line of lots 195 and 194 of said La Mesa Colony, and continuing along the westerly and northerly boundary lines of the County Road, as marked on said amended map of La Mesa Colony, to the easterly line of Lot 157 of said La Mesa Colony, thence north on the east boundary line of said lot 157 of La Mesa Colony to the northeast corner thereof, thence west on the north boundary line of said lot 157 to the curved boundary line on the west side thereof, thence southwest, southerly and southeasterly along said curved west boundary line of said lot 157 to an intersection of said line with the section line, thence east on the south boundary line of said lot 157 to the southeast corner thereof, thence southwesterly along the boundary line of the county road as shown on map of La Mesa Colony to a point where said road deflects west, thence along said road following the deflection of the same around the north side and west side of lot 155 of said La Mesa Colony to a point where the south line of said lot 155 protruded across the county road is intersected, thence along the northerly boundary of said county road, following the detour thereof to a point where a line drawn parallel with and 190.7 feet at right angles southwesterly from La Mesa Dam intersects the west boundary line of said County Road, thence north  $60^{\circ} 45'$  west parallel with said La Mesa Dam, 847.5 feet to the point of beginning.

Parcel No. 9

MONTE PUMPING PLANT

DESCRIPTION

Beginning at the intersection of the northerly line of Julian Avenue, and the east boundary line of El Cajon Valley Company's land as shown on Map 289, filed in the office of the County Recorder of said San Diego County December 30, 1886, which point is 40.33 feet north of the intersection of the center line of Julian Avenue and said boundary line; thence north 1173.5 feet along said boundary line to the San Diego River; thence north  $60^{\circ} 31'$  west 57 feet; thence south 1248 feet to the northerly line of said Julian Avenue; thence north  $48^{\circ} 03'$  east along the line of Julian Avenue to place of beginning.

Beginning at a point on the East boundary line of El Cajon Valley Company's land as shown on said Map 289, 1213.83 feet north of the intersection of the center line of Julian Avenue and said boundary line; thence north along said boundary line 500 feet; thence north  $60^{\circ} 31'$  west 57 feet; thence south parallel to said boundary line 500 feet; thence south  $60^{\circ} 31'$  east 57 feet to point of beginning.

Beginning at a point on the northerly line of Julian Avenue and 50 feet west of the point of intersection of the center line of said Julian Avenue with the east line of El Cajon Valley Company's land as shown on said Map 289; thence south  $48^{\circ} 03'$  west along the northerly side of said Julian Avenue 80.7 feet; thence north 1332 feet; thence south  $60^{\circ} 31'$  east 68.92 feet; thence south 1248 feet to northerly line of Julian Avenue and place of beginning.

Beginning at the intersection of the southerly line of Julian Avenue with the east boundary line of El Cajon Valley Company's lands as shown on said Map 289 which point is 40.33 feet south of the intersection of the center line of said Julian Avenue and said boundary line; thence along the south line of said Julian Avenue south  $48^{\circ} 3'$  west 190 feet; thence at right angles south  $41^{\circ} 57'$  east 213 feet to a point on said boundary line 285.4 feet south of the place of beginning; thence north to place of beginning.

Beginning at a point on the east boundary line of El Cajon Valley Company's Land as shown on said Map 289, 550.73 feet south of the point of intersection of the center line of said Julian Avenue and said boundary line; thence west 569.7 feet to the southerly line of Julian Avenue; thence north  $48^{\circ} 03'$  east along southerly line of said Julian Avenue 574.7 feet; thence at right angles south  $41^{\circ} 57'$  east 213 feet to point on said boundary line; thence south along said boundary line 225 feet to point of beginning.

Together with wells, pumps, pumping plant, oil tanks, storehouses and all other structures or personal property now situate lying or stored thereon.

SUBJECT, HOWEVER, to the reservations and encumbrances of various deeds of record.

SCHEDULE "E"

RIGHTS OF WAY, U. S. RIGHTS GRANTED AND PENDING,

FLOODAGE RIGHTS AND RIPARIAN RIGHTS.

No. 1 - Right of way.

Permit issued by United States Department of Agriculture, Forest Service, for a canal upon Boulder Creek; dated July 2, 1914.

No. 2 - Right of Way.

Application to United States Department of Agriculture, Forest Service, for final power permit on Boulder Creek, filed June 6th, 1914. Temporary permit to proceed with construction issued July 3rd, 1914; final stipulation signed August 3, 1914.

No. 3.

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 16th, 1892.

No. 4.

Amended right of way for concrete pipe line at Sand 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. 5.

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



No. 6.

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. 7.

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

In SW 1/4 of SE 1/4 and SE 1/4 of NE 1/4, Section 3, Township 15 South, Range 3 East, S.B.M. Approximately 40 acres.

No. 8.

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. 9.

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. 10.

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 La Mesa Reservoir.

No. 11.

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

No. 12.

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. 13.

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

No. 14.

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

No. 15.

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

No. 16.

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

No. 17.

Floodage rights over lands in La Mesa Reservoir, to a maximum height of reservoir of 100 feet granted by Junipero Land & 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.

SCHEDULE "C".

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 La Mesa 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 SW 1/4 of NE 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 NW 1/4 of SE 1/4 of said Section 8, to the flume of Murray and 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 SW 1/4 of SW 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 South 38° West, 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 North 45° West, 400 feet approximately, and a discharge line occupying a strip of land 5 feet wide extending from said South 40° East, 350 feet approximately to the flume of Murray and Fletcher.

No. 4.

DISTRIBUTING PIPE LINES AS FOLLOWS:

The City of El Cajon system partly installed and under construction.

The Grossmont Park system consisting of a reservoir in Lot 469 and a reservoir in Lot 449 in Grossmont Park, Sub-division No. 3, and a reservoir in Lot 21 and a reservoir near Lot 75 of Grossmont Park Sub-division No. 1; all pipe lines connecting these reservoirs and other distributing lines laid upon the private ways within these sub-divisions 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 36" pipe line connecting the flume and Murray Hill Reservoir.

The 24" pipe line connecting Murray Hill and Eucalyptus Reservoirs.

The ditch and pipe line known as La Mesa Ditch connecting the flume and La Mesa Reservoir.

The 24" Redwood pipe connecting La Mesa 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 owned by Murray and Fletcher, consisting of:

	<u>PIPE</u>	<u>LIN. FT.</u>
4	inch Riveted Steel	7500
6	" " "	1200
8	" " "	5000
14	" " "	15920
16	" " "	24760
3	" Screw Casing	5966
4	" " "	3296
6	" " "	334
8	" " "	284
10	" " "	350
11	" " "	339
12	" " "	927
1	" Standard Screw	9898
1 $\frac{1}{2}$	" " "	2395
2	" " "	88919
3	" " "	10042
4	" " "	4516
4	" Cast Iron	1681
6	" " "	7422
12	" " "	51

No. 5.

BUILDINGS AS FOLLOWS:

Buildings at Cuyamaca Reservoir, La Mesa Reservoir and Eucalyptus Reservoir.

Section houses at Diverting Dam, Chocolate Canyon, Los Cochis, Los Cochis Trestle and Section No. 5.

No. 6.

WAGONS AND TOOLS, now in use by Company.

SCHEDULE "D".

WATER APPROPRIATIONS.

No. 1

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. 2.

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. 3.

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. 4.

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

No. 5.

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. 6.

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.

No. 7.

Permit for appropriation of water for power purposes to State Water Commission on Boulder Creek in Section 10, Township 14 South, Range 3 East, for 50 cubic feet per second, filed May 9, 1913, granted March 12, 1914, and recorded in Book of Water Claims No. 4, page 208.

SCHEDULE "E"

SUPPLEMENTAL SCHEDULE.

The following properties referred to in the opinion herein, and added by the Railroad Commission in accordance with provision in contract dated November 17, 1914, between James A. Murray and Ed Fletcher, co-partners doing business under the firm name and style of Cuyamaca Water Company, and La Mesa, Lemon Grove and Spring Valley Irrigation Company, in accordance with stipulation at hearing:

1. Shops located at Normal Heights, with 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. Pumping Plant No. 4.

4. Miles Pumping Plant.
5. Grossmont Pumping Plant.
6. La Mesa Dam Pumping Plant.
7. Telephone lines.
8. Miles Reservoir No. 2, with real property on which it is located.
9. Measuring station below diverting dam.
10. Measuring station at Old Mission Dam.
11. Boulder Creek weir.
12. Sand Creek cement shed.
13. Meteorological instruments.
14. South Fork cook shack.
15. Right of way for flowage and keeper's house at diverting dam.
16. 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.
17. 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, as more particularly shown and described in Cuyamaca Company's Exhibit No. 30 herein.
18. 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.
19. 265 meters, varying in size from 5/8 inch to 3 inches.



EXHIBIT NO. 2.

All the lands, property and rights described in Exhibit No. 1 attached to the opinion and findings herein, except as follows:

Item No. 1 - Poverty Gulch Reservoir site--northeast half of southwest quarter and north half of southeast quarter of Section 3, Township 15 south, range 3 east, S.B.M., containing 120 acres.

Item No. 2 - Webster Reservoir site--Block 9 of Villa Caro Heights as per map thereof No. 1345 of records of San Diego County, California, containing .14 acres, more or less.

Item No. 3 - Park Reservoir site (also known as Miles No. 1 Reservoir site)--commencing at the southwest corner of Lot 4, Block 29, El Cajon Heights, thence south 70 degrees 52' 30" E along the northeast line of the County Road 178 feet; thence N 79 degrees 5½' east along said County Road 1150 feet; thence continuing N 79 degrees 5½' E 16.1 feet to the point of beginning of the traverse of said reservoir; thence N 10 degrees 57' E 548.8 feet; thence N 17 degrees 11' W 100.5 feet; thence N 32 degrees 11' W 50 feet; thence N 29 degrees 08' E 100 feet more or less to the southerly line of the San Diego flume right of way; thence along said southerly line south 60 degrees 52' E. 472 feet; thence S 32 degrees 45' W 216.5 feet; thence S 8 degrees 15' W 263 feet more or less to the northerly line of said County Road; thence along said northerly line of said County Road S 79 degrees 03½' W. 200 feet to the point of beginning. Containing 3.42 acres more or less.

Item No. 4 - Permit issued by United States Department of Agriculture, Forest Service, for a canal upon Boulder Creek, Dated July 2, 1914.

Item No. 5 - Application to United States Department of Agriculture, Forest Service, for final power permit on Boulder Creek, filed June 6, 1914 - temporary permit to proceed with construction issued July 3, 1914, and final stipulation signed August 3, 1914.

Item No. 6 - 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., as per letter from Department of Interior to Commissioner of Indian Affairs, dated September 16, 1892.

Item No. 7 - Amended right of way for concrete pipe line at Sand 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.

Item No. 8 - Amended right of way for steel pipe line at South Fork Canyon over the El Capitan Indian Reservation, granted in 1912.

Item No. 9 - 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 for a payment of \$2600 for lands to the Indian Bureau having been signed in 1914.

Item No. 10 - Permit for the use of public lands for reservoir purposes in Poverty Gulch Reservoir site, July 26, 1913, being approximately 40 acres in the southwest quarter of the southeast quarter and the southeast quarter of the northeast quarter of Section 3, Township 15 south, range 3 east S.B.M.

Item No. 11 - Permit to occupy lands within the El Capitan Indian Reservation for pumping purposes, granted by United States Department of the Interior, dated September 12, 1913.

Item No. 12 - A general right of way for pipe lines through all lots in La Mesa Colony.

Item No. 13 - The City of El Cajon's distributing system, partly installed and partly under construction.

Item No. 14 - The Grossmont Tract system, consisting of a reservoir in lot No. 449 in Grossmont Tract, subdivision No. 3, and a reservoir in lot No. 21 and a reservoir near lot No. 75 of Gross-

mont Tract subdivision No. 1, together with 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.

Item No. 15 - The water system in the streets of Murray Hill.

Item No. 16 - The water system in the streets of Hawley Heights.

Item No. 17 - The wood stave pipe supplying North La Mesa, approximately 8,000 feet long.

Item No. 18 - The following lengths of pipe in the main distributing system:

	<u>Pipe</u>	<u>Lin.Ft.</u>
4	inch riveted steel. . . . .	7,500
6	" " " . . . . .	1,200
8	" " " . . . . .	5,000
3	" screw casing . . . . .	5,966
4	" " " . . . . .	3,296
6	" " " . . . . .	334
8	" " " . . . . .	284
10	" " " . . . . .	350
11	" " " . . . . .	339
1	" standard screw . . . . .	9,898
1 $\frac{1}{2}$	" " " . . . . .	2,395
2	" " " . . . . .	88,919
3	" " " . . . . .	10,042
4	" " " . . . . .	4,516
4	" cast iron. . . . .	1,681
6	" " " . . . . .	7,422

Item No. 19 - Wagons and tools now in use by Company.

Item No. 20 - Permit for appropriation of water for power purposes of State Water Commission on Boulder Creek in Section 10, Township 14 south, range 3 east, S.B.M., for 50 cubic feet per second, filed May 9, 1913, granted March 12, 1914 and recorded in Book 4 of water claims at page 208.

- Item No. 21 - Pumping plant No. 4 (below diverting dam).
- Item No. 22 - Pumping plant No. 5 (Miles Station).
- Item No. 23 - Grossmont pump station.
- Item No. 24 - Miles Reservoir No. 2.
- Item No. 25 - Measuring station below diverting dam.
- Item No. 26 - Measuring station at Old Mission Dam.
- Item No. 27 - Boulder Creek weir.
- Item No. 28 - Sand Creek cement shed.
- Item No. 29 - Meterological instruments.
- Item No. 30 - Webster reservoir.
- Item No. 31 - South Fork cook shack.