State Department of Public Works, Division of Water Rights, 74 New Montgomery Street, San Francisco, California.

Gentlemen:

Reference is made to the application of La Mesa, Lemon Grove and Spring Valley Irrigation District pending before your Department under Section 12 of the Water Commission Act.

In behalf of Cuyamaca Water Company, I wish to hereby notify your Department that when this company purchased the system of the San Diego Flume Company in 1910 it caused appropriations to be made on the San Diego River covering all of the normal and flood flows of the stream which it is economically practicable to utilize and that it has since been continuously developing its system under a systematic plan which will utilize all of this flow and has thereby maintained its water rights in accordance with the State law. The company's expenditures in this development have been far more than \$100,000 per annum.

At a hearing held before the Local Land Office at Los Angeles in 1916 in the matter of the application of the City of San Diego, assignee of W. B. Hamilton, for a reservoir site, Cuyamaca Water Company introduced as its Exhibit W, a table prepared by Chas. H. Lee, Consulting Hydraulic Engineer of Los Angeles, showing the amount of water which would have been utilized during the twenty-three years last past by the Cuyamaca Water Company's system

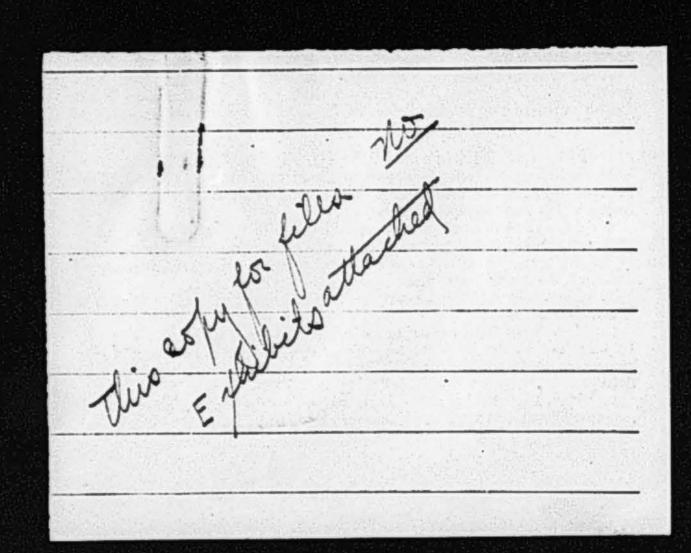


exhibit also shows the waste over and above the water which would have been so utilized, same being shown in the fourth column of said exhibit and entitled: "Waste from El Capitan Reservoir in excess of riparian demands." A copy of this exhibit is attached hereto for your information.

Under date of April 28, 1919, Mr. W. L. Huber, Consulting Engineer of San Francisco, California, acting for the State Irrigation Bond Commission, submitted a report to Mr. W. F. McClure, State Engineer, Sacramento, California, upon La Mesa, Lemon Grove and Spring Valley Irrigation District. Attached to this report and forming a part thereof are Tables 13 and 14, showing twenty-four years' storage studies of surface water supply for the Cuyamaca Water Company's system, existing and proposed, for drafts of 11,000 ac. ft. per annum and 9,000 ac. ft. per annum, respectively. By reference to the columns showing waste in these tables, it will be noted that a supply wholly inadequate for any development will be available from such waste.

Cuyamaca Water Company has no objection to La Mesa, Lemon Grove and Spring Valley Irrigation District's claiming any surplus waters over those which will be utilized by the former's completed system, but it is apparent that the amount of such surplus water will not be sufficient to warrant the construction of the District's proposed system.

I appreciate that the present determination by the State
Department of Public Works, Division of Water Rights, is one to determine whether or not La Mesa, Lemon Grove and Spring Valley Irrigation

District has used reasonable diligence in carrying on the work necessary to put the water covered by its appropriations to beneficial use. In this connection it will be found that the District's only activities have been those of organization, purchase of lands, issuance of bonds, and the securing of engineering reports, and other like activities. Furthermore, no action, even of this character, has been taken for more than five years last past.

For the reasons above stated, I wish, in behalf of Cuyamaca Water Company, to ask that the application of La Mesa, Lemon Grove and Spring Valley Irrigation District be denied.

Very truly,

Manager, Cuyamaca Water Company

Aletcheis Monnation

My dear Mr. Stava:

Availing myself of your invitation to call your attention to anything which might occur to me and which might have a bearing on the compromise between the District and the City, I make the following suggestions for your consideration:

You mentioned the possibility of the City being delayed in the construction of their El Capitan dam and its affect on delaying their ability to furnish the District with a supply of water sufficient to meet their needs. I would suggest, in the interest of both the City and the District, that the District immediately construct the Fletcher dam. This multiple arch structure could be completed in a comparatively short time, much less time in fact than it would take the City to get their El Capitan dam up to a point where there would be any material catchment.

The Fletcher dam would have a safe yield of 3.4 M.G.D., which would decrease the safe yield of the El Capitan dam 1.1 M.G.D., resulting in an increased yield of the upper San Diego River of 2.3 M.G.D. This, I believe, has all been explained to you before.

In view of the District financing the construction of this dam, which incidentally would be taken over by the City under the leasing arrangement which has been suggested for the rest of the property, the District to receive, in addition to the 8.5 million gallons allowed them, one-half of the increased yield of the river or one and a fraction million gallons daily.

The construction of this dam would, in connection with the Cuyamaca Reservoir, for other than long periods of extreme drought, furnish the District with the total maximum allowance proposed without pumping from El Capitan. Pending the full development of the District the City would be able to receive from the same source and without pumping an amount of water approximating five M.G.D., decreasing as the District gradually approached its maximum allowance. In other words, during a normal period of years the City would be obliged to pump no water for the District and only a portion of the water needed for their own requirements. The El Capitan dam with

Mr. William Stava -2 2/11/25

its comparatively small evaporating surface would be largely held in reserve.

In the event of a compromise being brought about on the lines which have been suggested, the City will undoubtedly draw heavily on the Murray Reservoir. The erection of the Fletcher dam would act as a flood control and during the winter season hold back the flood waters until they could be transported by gravity into the Murray Reservoir.

around a cost of a half million dollars is far more than justified by its safe yield allowance not taking into consideration the saving in pumping, etc. As a matter of fact, the construction would be justified if the cost were to be doubled. However, the matter is submitted for your consideration.

Yours very truly,

C. HARRITT

Superintendent of Cuyamaca Water Co.

CH :ME

CUYAMACA WATER COMPANY
SUCCESSORS TO
THE SAN DIEGO FLUME COMPANY
OFFICE: PLETCHER BUILDING

916 EIGHTH STREET, BETWEEN BROADWAY AND E P. O. BOX 1412 × .

ED FLETCHER, MANAGER
LOU B. MATHEWS, SECRETARY
C. HARRITT, SUPERINTENDENT

SAN DIEGO, CALIFORNIA.

April 15th, 1925

Mr. Fletcher, Office.

Dear Sir:

The City of La Mesa are paving that street just east of and parallel with the Cuyamaca Railroad track. This crosses our 16" Cajon Avenue line and incidentally there are about six meters and a large number of gates, etc., which will have to be inclosed in a concrete chamber. Cast iron pipe should also be laid where the steel line crosses under the paving.

To properly provide for the meters alone will cost \$200 or \$300, and if we put in cast iron pipe on the crossing it will cost \$400 or \$500 more.

On this same street north of El Cajon Avenue there is some old pipe which should be removed at a cost of \$500.

What do you want to do about this work and is it not up to the District to take care of this situation?

Yours very truly,

Superintendent of Cuyamaca Water Co.

CH:ME

Ca Kung La mesa District Mr. Herritt:

I am o.k.ing the S. A. Chapman statements on the understanding that Lot 29, La Mesa Colony is within the boundaries of the La Mesa District, so that we are not violating our agreement with the District, and please put that into capital.

E. F.

Office 5/12, 1925.

Ce - mr. mathews

CUYAMACA WATER COMPANY

THE SAN DIEGO FLUME COMPANY
OFFICE: FLETCHER BUILDING
916 EIGHTH STREET, BETWEEN BROADWAY AND E
P. O. BOX 1412

ED FLETCHER, MANAGER
LOU B. MATHEWS, SECRETARY
C. HARRITT, SUPERINTENDENT

May 25th, 1925

Mr. Fletcher, Office.

Dear Sir:

In regard to this letter from the La Mesa Homes Company, it is my understanding that they do not desire to annex to the La Mesa District. I think probably the best thing to do is simply to write them that the thing is in the hands of the District officials and let them settle it to their own satisfaction.

Yours very truly,

Superintendent of Cuyamaca Water Co.

CH:ME

San Diego, July 13, 1925.

Col. Fletcher:

Have worked out transfer to district in general. District to meet payroll to fifteenth, and end of month. District to collect account for month of July. Want your approval of this before submitting to directors of district tonight. Directors anxious to hurry transfer.

C. Harriet

Collect \$1.26

Received Headquarters Leevining Creek 9.45 A.M., 7/13/25.



P. O. BOX 1412

ED FLETCHER, MANAGER
LOU B. MATHEWS, SECRETARY
C. HARRITT, SUPERINTENDENT

SAN DIEGO, CALIFORNIA,

August 26, 1925.

La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, Calif.

Gentlemen: -

Attached hereto statement of expenses in connection with City's suit subsequent to June 22, 1925, including the month of July. This statement is subject to correction, as it is possible that some of the July bills have not yet been presented. Neither does it include any expenditures on account of Flint & McKay or Mr. Smiley, if any.

Yours very truly,

CH/CA

C. Harritt

### LEGAL EXPENSES INCURRED IN CITY SUIT

#### From June 22, 1925

Voucher No.		
June		
8259	L.W. Slaback, Court Reporter & Transcriptions	179.33
8268	Federal Telephone Company	2.10
8270	Ed. Fletcher Co. Auto' Traveling & other ex- pense, Los Angeles & Santa Ana (and Engineer	
8272	Finlong over District) Phil E. Harroun, Expert Testimony, Consulting	130.50
	Engineer	171.88
8292	Rodney Stokes	.90
8295	Western Union Telegraph Company	.87
	Carter & Shropshire Pay Rolls on City Suit	38.41
	Rule & Dillon (Eng. King's Statement)	20.70
July		
8326	Crouch & Sanders, Expenses:-Traveling, Hotel Jury Fees, etc.	601 08
8348	Rapid Blue Print Company Photostat	691.87
8338	Chas. H. Lee, Consulting Engineer & Expenses	168.47
8337	Chester H. Loveland, " "	516.60
8336	Felix Landis, Witness	9.75
8334	C. Harritt, Expenses	197.33
8329	I. F. Davis, Witness	60.75
8321	Ed. Fletcher, Trip to Los Angeles & return	20.00
8317	E. C. Mix, Expert Engineer	100.00
8315	Ed. Fletcher, Traveling Expense Santa Ana	68.80
8314	L. W. Slaback, Court Reporter & Transcripts	78.00
8310		269.00
8304		224.85
8303	L. Gottesburn, Legal Service	300.00
8301 8313)	L. W. Slaback, Court Reporter & Transcripts.	231.80
8299)	Ed. Fletcher & Engineers, St. Anns Inn,	
TO THE RESERVE OF THE PARTY OF	134.60 and 10.00	144.60
	Carter & Shropshire Pay Rolls	37.85
	Engineer King's Pay Roll	32.71
		3718.67

NOTE:-

There will probably be an allocation from Crouch and Sanders account to add to the above. Their bill is returned to them to be itemized.

P. O. BOX 1412

CUYAMACA WATER COMPANY

ED FLETCHER, MANAGER
LOU B. MATHEWS, SECRETARY
C. HARRITT, SUPERINTENDENT

September 24, 1925

Mr. Harritt

Mr. King

that representing the District either one of you can take from this office such maps and records that the District is entitled to, and use same, the understanding being that you will keep a list of what records you take out and turn over to Miss May a written statement of such records. This to hold good until the property is finally paid for, when, of course, all of the records that the District is entitled to will be delivered to the District.

Yours very truly.

BF: KLM

SAN DIEGO. CALIFORNIA,

April 2, 1926.

Mr. C. Harritt, La Mesa Irrigation Dist., La Mesa, California.

My dear Mr. Harritt:

Will you please watch the meters carefully to see that there is no over-draft of water for the Bast San Diego section particularly, as they are the ones that are going to take all of the water they can get this year and are going to be short.

Don't you think it is advisable for the Cuyamaca Water Company to send an official notice to the City of San Diego saying we will only give them water to the extent we did last year, and watch the meters. If you think this letter should be written I believe it should be worded along the following lines:

"City of San Diego:

EF:KLM

Enclosed herewith find copy of resolution passed by the La Mesa Irrigation District that is explanatory. This is to notify you that we can only furnish the City of San Diego this season with the same supply of water that we furnished last year. Please govern yourself accordingly.

Cuyamaca water Company

By

Secretary

Yours very truly,

Wir fund solution of affection

Mr. Harritt Mr. King:

This confirms my verbal statement, i. e. that representing the D

Company and acted ages (across example)

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Purch West Crists.

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August 4, 1926.

Mr. C. Harritt, Manager, La Mesa Lemon Grove & Spring Valley Irrigation District, La Mesa, California.

My dear Mr. Harritt:

I am sorry that you have taken the action you have on behalf of the District refercing the land below the 330 foot contour in Mission Gorge Reservoir Site. It seems to me there must be some other way out of it than to take such violent action. I feel that the court is the proper tribunal to decide this question.

win in the courts, but I don't want it understood that in any way I approve such drastic action as you have taken. However, it is up to the Irrigation District to decide what action they shall take to protect themselves in this matter.

Your s very truly,

CUYANACA WATER COMPANY

Manager.

September 23, 1926.

La Mesa, Lemon Grove & Spring Valley Irrigation District, La Mesa, California.

Attention: Mr. Harritt:

Gentlemen:

Answering yours of September 18th, will say I have recommended to Mr. Stern that the deeds be signed and put in escrow with the Bank of La Mesa.

Referring to the deed Cuyamaca Water Company, a corporation, to the District, I have struck out the following:

The Northwest quarter of the Southeast quarter and Lot No. 3 c. (the Southwest quarter of the Southeast quarter) of Section 8.

for the following reasons:

We have already deeded you the lands that will be flooded, and we desire to retain these lands along the shores of the lake for our own benefit, none of this land being flooded by any dam that might be built excepting the land heretofore deeded to you.

Yours very truly,

EF :AG

ce. mr. Stern

EF :AG

DIRECTORS
H. L. RUSSELL, LA MESA, NO. 2
H. A. HALL, LA MESA, NO. 2
WM. H. WEST, LEMONGROYE, NO. 3
IRA C. BOBINSON, LA MESA NO. 4
J. H. BARRY, SPRING VALLEY, NO. 5
H. C. PARK, TREASURER
JNO. C. SCOTT, COLLECTOR

## LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION STRICT

LA MESA, CALIF.

OFFICERS

H. A. HALL, PRESIDENT
C. HARRITT, GENERAL MANAGER
T. H. KING, ENGINEER
JNO. C. SCOTT, SECRETARY

ATTORNEYS, UNION BUILDING, SAN DIEGO, CALIFORNIA

Setp. 18, 1926.

Colonel Ed. Fletcher,

920 Eighth St.,

San Diego, Calif.

My dear Colonel:

I am inclosing herewith two deeds from yourself,
Mr. Stearns, of the Cuyamaca Water Company. One of
these covers all those portions of the El Capitan
Damsite which were transferred to the District and
in addition certain other lands which were included
in the City's El Capitan condemnation suit. Also
certain lands which are included in another suit
filed by the City but which has not yet come to trial.
The other covers all lands at the Mission Gorge
Damsite which are under option to the District.

I would suggest that these deeds be signed, placed in escrow. With instructions that they be delivered to the District upon payment by the District of \$150,000.00. There should also be an agreement on behalf of yourself that you will bid par on \$150,000.00 of the District's bonds which may be sold to make the payment of these lands.

E. F. 9/18/26.

-2-

I would suggest that this escrow is to run for six months at which time the deeds are to be returned to yourself in the event that the District has not in the meantime made the necessary payment.

My idea in this is that I have doped out a compromise proposition with the City which I have every
reason to believe will be consumated within the next
ninety days. In order to make this proposition attractive to the City my plan is to eliminate both the District, the Cuyamaca Water Company and yourself from
the San Diego river entirely.

Trusting that you will see your way clear to comply with my request in this matter, I am

Very truly yours,

C. Harritt, Manager.

CH. PD

Copy - 7ivr. Stern

State of California, County of San Diego, before me, ......before me, ..... a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared ..... Known to me to be the......President, and..... known to me to be the .......Secretary of the Corporation that executed the within instrument, known to be to be the persons who executed the within instrument on behalf of the Corporation therein named, and acknowledged to me that such Corporation executed the same. In Witness Whereof, I have hereunto set my hand and affixed by Official Seal, at my office, in said County of San Diego, State of California, the day and year in this certificate first above written. Notary Public in and for the County of San Diego, State of California. Grant CORPORATION Deed 192STATE OF CALIFORNIA, County of San Diego. On this..... before me,..... a Notary Public in and for said County and State, residing therein, duly commissioned and sworn personally appeared ..... known to me to be the person.... described in and whose name......subscribed to the within instrument and acknowledged to me that.....he.....executed the same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, at my office, in said County of San Diego, State of California, the day and year in this certificate first above written. Notary Public in and for the County of San Diego, State of California.

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THE CUYAMACA WATER COMERY	
***************************************	네 보기로 마다 왜 생동이라고 이 없는 이번 때가 없었다.
a Corporation, having its principal place of business in	
County of San Diego, California, by virtue of a resolution	
its Directors, for and in consideration of the sum of	
its Directors, for and in consideration of the sum of	100 DOLLARS,
Does Hereby Grant to THE LA MESA-LEMON C	ROVE & SERING VALLEY
IRRIGATION DISTRICT.	
All that Real Property situated in	
County of San Diego, State of California, bounded and desc	
The Southeast quarter (SE4) of the	
The East half (E 1) of the Southwe	경기 하고 있다면 보다 되었다. 그 그리고 그는 사람들은 사람들이 가지 않는 것이 없다면 하다고 있다.
Northeast quarter (NE%) and the S	
Northwest quarter (NV2) of the Nor	theast quarter (NE%) of Sec-
tion 7. Township 15 South, Range	2 East, S.B.B.M., also the
Southwest quarter (377) of the Nor	theast quarter (NE2), the
Southeast quarter (SE2) of the Box	thwest quarter (IM2), the
Southwest quarter (SW19 of the No.	
Section 8, Township 15 South, Ran	
***************************************	
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***************************************	
***************************************	
To Have and to Hold, the above granted and described pre-	
heirs and assigns, forever,	
***************************************	***************************************
In Witness Whereof, said Corporation has caused this deed	to be signed by its President and Secretary
and its Corporate Seal to be affixed thereto, this	
	President.
	Secretary.

1M-11-20

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			Con

Ten Dollars  Do hereby grant to. IA MESA LEMON GROVE AND SPRING VALLEY IRRIGATION DISTRICT.  All that Real Property situated in.  County of San Diego , State of California, bounded and described as follows All that portion of the following named lots of the partition of Lot 70 of Rancho Ex Mission of San Diego as said lots are shown on Referse's Map of the partition of said Lot 70, filed in the office of the Clerk of the Superior Court of said County in the action of "San Diego Realty Co., a corporation VS. Maria Y. Olve de Toro et al and numbered 15191, to-wit:  An undivided one malf interest in Lot "C" also all of Lot "E" and the east one half of Lot F, also all that portion of Let "E" lying Northeasterly of a line running Parallel with and 500 feet measured at right angles to and Northwesterly from the Base Line running Northeasterly of a line running Parallel with and 500 feet measured at right angles to and Northwesterly from the Base Line running North 44° 29' West from a point which hears North 11° 14', West 4316' Offeet from the Southeast corner of said Lot "Excorr from the above mamed lots on a corporation of Let "E" all that portion, thereof, lying and being above an elevation of 30 feet above sea level, united State and Southeast corner of said Lot "Cribed portion of Let "E" all that portion, thereof, lying and being above an elevation of 30 feet above sea level united State ("Corporation of Let "E" all that portion, thereof, lying and being above an elevation of 30 feet above sea level united States ("Corporation of Let "E" all that portion, thereof all of cartaker's house adjacent to what is known as Mission Gorge Rest voir site No. 3; the boundaries to be selected by the Grantee and unit claim deed furnished by the Grantor on demand of the Grantee describing the same in meters and bounds.  WITNESS Can hand, and seals this \$\tau\$ day of \$\text{Corporation}\$ and executed in presence of \$\text{Corporation}\$ and executed in presence of \$\text{Corporation}\$ and executed in presence of \$Corporatio		
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Arey-Jones Co., 983 Fourth Street, San Diego, Cal.

AN ORDINANCE AUTHORIZING AND DIRECTING A SETTLEMENT OF ALL EXISTING DIFFERENCES BETWEEN THE CITY OF SAN DIEGO AND THE LA MESA, LEMON GROVE AND SPRING VALLEY IRRIGATION DISTRICT.

BE IT ORDAINED by the Common Council of the City of San Diego, as follows:

Sec. 1. The City Council is authorized and directed to enter into a contract with the La Mesa, Lemon Grove and Spring Valley Irrigation District, as soon as the said Irrigation District agrees thereto, in words and figures, as follows:

#### CONTRACT:

THIS AGREEMENT made between the City of San Diego, PARTY OF THE FIRST PART, and the LA MESA, LEMON GROVE and SPRING VALLEY IRRIGATION DISTRICT, the PARTY OF THE SECOND PART,

#### FITNESSETH:

The parties hereto, for the purpose of making a complete settlement and compromise of all differences heretofore existing between them respecting the waters of the San Diego River, and the use thereof, - DO AGREE AS FOLLOWS:

FIRST: The PARTY OF THE SECOND PART, in consideration of the sum of \_\_\_\_\_\_ Dollars to sell and convey to the PARTY OF THE FIRST PART all its lands, holdings and rater system, including:

(a) The lands at El Capitan Dam Site being:

(b) The Cuyamaca Dam and Reservoir lands being:

- (c) The Murray Dam abd Reservoir Site, being:
- (d) Lands in Mission Gorge Reservoir Site No. 2, being:
- (e) The El Monte Pumping Plant and Lands, being:
- (f) The Fletcher Dam and Reservoir Site, being:

(g) All SECOND PARTY'S flume pipe lines and other property, both real and personal, used in the delivery of water including the lands and diversion works on the San Diego River and its rights of way across Government and other lands;

SECOND: THE PARTY OF THE FIRST PART agrees to pay the aforesaid sum, as soon as bonds can be sold for that purpose and FIRST PARTY further agrees to take over said water systems and to supply water to the lands in the Irrigation District to the extent of not to exceed

gallons, annually, for irrigation purposes and not to exceed

gallons annually, for domestic purposes to the extent that the same may be supplied by the use of the systems thus taken over, and the Reservoir at El Capitan, if built, and such additions, alterations, betterments and repairs, as may be furnished by SECOND PARTY. -

IRA C. ROBINSON, LA MEBA, NO. 1
H. A. HALL, LA MEBA, NO. 2
WM. H. WEST, LEMON GROVE, NO. 3
WM. H. SPERRY, SPRING VALLEY, NO. 4
FRANK R. BEATTY, EL CAJON, NO. 5
H. G. PARK, TREASURER
JNO. C. SCOTT, ASSESSOR-COLLECTOR

### LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT

121 SOUTH SPRING STREET LA MESA, CALIF. OFFICERS

IRA C. ROBINSON, PRESIDENT G. HARRITT, GENERAL MANAGER T. H. KING, ENGINEER JNO. G. SCOTT, SECRETARY

ATTORNEYS, UNION BUILDING,
SAN DIEGO, CALIFORNIA

May 18, 1927.

Colonel Ed. Fletcher, 920 Eighth Street, San Diego, California.

Dear Colonel:

I can do nothing to hurry up the riparion owners.

As a matter of fact, the information I received was strictly confidential. I was unable to find out whether or not you were jeopardizing your rights to Mission Gorge No. 3 by not taking any action against the City on account of their pipe line.

I have known for many years that Cuyamaca was not successful for a revenue producer as a trout lake. I think there is no question that if the lake were well stocked with bass there would be a tremendous revenue derived therefrom.

We are perfectly willing to have the bass sined from out of Murray and transported to Cuyamaca. However, before you can do this you must get a permit from the Fish and Game Commission, from Glidden or Webb Toms. You remember that they tried to get bass from Murray to stock Hodges and had a tremendous lot of trouble getting a few fish. I would go still further and urge that you forget Cuyamaca as a trout lake entirely and concentrate on bass.

Yours very truly,

C. Harritt, Manager.

1000 miles

R. BRUCE CARRICHAEL, LA MESA, NO. 1
R. M. LEVY, LA MESA, NO. 2
WM. H. WEST, LEMON GROVE, NO. 3
WM. H. SPERRY, SPPING VALLEY, NO. 4
FRANK R. BEATTY, EL CAJON, NO. 5

LA MESA, LEMON GROVE & SPRING VALLEY
IRRIGATION DISTRICT
105 SOUTH # 1G STREET

LA MES CALIF.

FRANK R. BEATTY, PRESIDENT
C. HARRITT, GENERAL MANAGER
C. L. GROGAN, TREASURER
RUTH G. DREW, SECRETARY
IRA C. ROBINSON, ASSESSOR-COLLECTOR
STEARNS, LUCE & FORWARD
ATTORNEYS

OFFICERS

110.2°

March 28th, 1930.

Colonel Ed. Fletcher, 1020 Ninth Street, San Diego, California.

My dear Colonel:

I inclose you herewith a brief summary of John R. Freeman's recommendations and conclusions. The report itself is voluminous.

You will remember that Freeman came out strongly for El Capitan in preliminary reports. However, upon further investigations and studies of the situation he arrived at the conclusions as set out in this summary.

Yours very truly,

General Manager

LA MESA, LEMON GROVE & SPRING VALLEY

IRRIGATION DISTRICT.

CH/RD

#### BRIEF SUMMARY OF THE FREEMAN REPORT.

Recommendations and Conclusions:

- (a) That the City immediately secure title to Dam Site No. 2 at head of Mission Gorge (or some other dam site within the gage) and build immediately a dam to contour 365.
- (b) That the City later increase the height of this dam to contour 390, giving a net safe yield of 12.2 Million Gallons per day.
- (c) That the City build, some years hence, the San Vicente Reservoir.
- (d) That Mission Gorge Dam Site No. 3 be acquired for use some 20 years hence.
- (e) That El Capitan be constructed some 20 years hence when water has become so extremely scarce that a much larger expenditure than proper today can be justified for saving 3 or 4 million gallons daily lost in evaporation from the broad area of Mission No. 2 Reservoir. The value of the water thus saved combined with a sum obtained by compounding the principle and interest saved now in building Mission No. 2 instead of El Capitan would then justify this costly dam.
- (f) With a carefully planned development of reservoirs and ground water for safeguarding the supply in a severe and prolonged drought, such as may come only once in 20 or 50 years, there can be a safe surplus to be used for agriculture at all other times and the farmers interests encouraged and safeguarded.

- (g) Mission Gorge Dam Site No. 2 has more than double the drainage area of El Capitan and by reason thereof, in spite of evaporation losses, the yield to the City would be 5% greater.
- (h) Beyond the shadow of a doubt the conclusion in favor of Mission Gorge Dam Site No. 2 for the first Reservoir to be built on the San Diego River is sound.
- (i) The cost of dam only, at El Capitan is \$6,529,000 giving a safe yield of 11.6 Million Gallons daily.

The cost of dam only, at Mission No. 2 is \$1,459,000 giving a safe yield of 12.2 million gallons daily.

- (j) The cost of water under full development at Mission No. 2 is 7.67¢ per 1000 gallons; at Mission No. 3 is 11.76¢ per 1,000 gallons; at El Capitan is 16;05¢ per 1,000 gallons.
- (k) The yield of Mission No. 2 in drought periods could be supplemented by pumping vast quantities of water from the gravel beds which would otherwise be flooded when the dam was full.
- (1) A reserve supply of 25,000 acre feet could be efficiently secured by the erection of a small dam at Mission No. 3.

#### (copy)

# LA MESA, LEMON GROVE & SPRING VALLEY INHIGATION DISTRICT 105 South Spring Street, La Mese, Galif.

December 11, 1980.

Colonel Ed Fletcher, 1020 Winth Street, San Diego, California,

#### My dear Colonel:

In reply to your inquiry as to pumping costs, etc., we have not as yet compiled the records for the current year. However, the following tabulation will give you the results of our pumping operations for 1926-28 & 29. Very little pumping was done in 1927:

1926 cost \$ 58,675.48, water pumped 920 million gals.,4.2¢ per 1,000

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The above costs include Power, Labor, Oils, Repairs and Maintenance, etc. but no interest on investment and no allowance for depreciation. The total investment is under \$200,000 for plant, lands, etc.

The gravels vary in depth from zero at the edges to 165 in the old channel. We have never drawn the water down over 70 at any one well and are only pumping from a small portion of the District's lands, water was running on the surface of the Stream bed a short distance above our plant throughout the year.

The El Monte Basin is one of the best sources of water SMPPNIAN the Sounty, the best portions of it, recently acquired by the District, have not yet been pumped. The cheapest water to be developed, up to their sepacity of course, is the water contained in these natural storage reservoirs. An illustration of this comparison is found in the plan of the City? to build a dam at El Capitan costing \$5,000,000 or more, having almost exactly the same yheld as the Monte Basin, (which would thereby be destroyed) which could be developed for \$500,000.

The District are now considering a proposition, submitted by the largest manufacturer of Delsel engines in the United States, to install a plant for us one payment of 200,000, the balance to be paid out of the amount saved over our present power costs, guaranteeing a saving that will retire the entire invested capital in five years operation and putting water in the flume at a guaranteed operating cost of not to exceed 12 cents per 1,000 gallons.

This proposition will be submitted to the Board at their meeting tonight and will undoubtedly be accepted as soon as the City determine not to build above us at Capitan.

I believe this covers the pumping situation fairly well,

Yours very truly,

(signed) C. Harritt

General Manager
LA, MESA, LEMON GROVE & SPRING VALLEY
IRRIGATION DISTRICT.

CH/RD

R. BRUCE CARMICHAEL, LA MESA, NO. 1 R. M. LEVY, LA MESA, NO. 2 WM. H. WEST, LENON GROVE, NO. 3 WM. H. SPERRY, SPRING VALLEY, NO. 4 FRANK R. BEATTY, EL CAJON, NO. 5

LA MESA, LEMON GROVE & SPRING VALLEY
IRRIGATION DISTRICT

PHONE LA MESA 238
LA MESA, CALIF.

OFFICERS

FRANK R. BEATTY, PRESIDENT
C. HARRITT, GENERAL MANAGER
E. P. HYATT, ENGINEER AND
ASSISTANT MANAGER
C. L. GROGAN, TREASURER
RUTH C. DREW, SEGRETARY
IRA C. ROBINSON, ASSESSOR-COLLEGTOR
STEARNS, LUCE & FORWARD
ATTORNEYS

July 16, 1931.

Col. Ed Fletcher, 1020 9th St., San Diego, Calif.

My dear Colonel:-

In reply to your letter of the 14th, the following data is inclosed.

The gross area of the District is

19,244.81 acres

Assessed valuation last year

\$ 6,442,588.00

Average tax per acre

8.70

Bond Interest

123,360.00

011d 211.101.00V

Bonds retired

none

Water supplied to 3,540 acres and 1,788 lots, of various sizes, in District, and 710 acres and 235 lots outside District.

In my opinion, not over 9,000 acres within the District can be commercially farmed, and I doubt if that isn't too liberal an estimate; a large portion of the remainder can and will use water for domestic use and for suburban homesights.

Operating expenses, 1930

\$ 118,412.42

The indebtedness per acre is approximately

107.00

Most of the above figures are as of January 1, 1931, and are in the 1930 annual report. If I didn't send you a copy of this

Yours very truly,

report let me know and I will get one in to you.

C. Harritt, General Manager.

LA MESA, LEMON GROVE AND SPRING VALLEY IRRI. DIST. September 1, 1931.

President and Board of Directors, La Mesa, Lemon Grove & Spring Valley Irrigation District, La Mesa, California.

Gentlemen:

The following tabulation indicates that the District could pay 1.28¢ per thousand gallons for water delivered in the flume at the El Capitan Dam and not exceed the cost of 10.6 ¢ per thousand gallons which is the present cost of water actually delivered to the District's consumers. This figure is based upon detailed tabulation attached to this letter as shown in (f) and is based upon a gross loss of 40% of the water delivered to the flume. This loss may seem excessive and the generally accepted theory is that it is owing to the leaky condition of the transmission flume. However, it should be born in mind that this loss covers the evapotation losses at Murray Reservoir and the other small distribution reservoirs, Grossmont, Helix and Eucalyptus as well as all distribution and pipeline losses. As nearly as we may determine, less than one-half of these losses are from the flume itself or substantially less than one per cent per mile which includes evaporation from the flume surface. Incidentally, the above computations are based upon a dam 197 high. It is indicated that this is the most economical storage at El Capitan. The fact that the Irrigation District's present supply is only costing 1.28¢ per thousand gallons in the flume at El Capitan dam site ie explained by the fact that over a period of years 64% of the diversions were from natural stream flow and cost nothing other than their transmission through the flume. Also, the water from Cuyamaca Reservoir, while not a great amount is extremely cheap water and while the water pumped at El Monte shows a cost over the past five years of 3.8¢ per one thousand gallons, the percentage of loss of this pumped water is very small, being used as rapidly as primped and not subject to any considerable evaporation loss and is only subject to about one-half of the flume losses, being pumped into the flume at about the middle of its length.

9-1-31

As shown under (n) on attached sheet, had the District paid 6.93¢ per thousand gallons of water delivered in the flume after allowing for unavoidable losses, the total cost of the water delivered to consumers during the year 1930 would have been 21.67¢ per thousand gallons.

Yours very truly,

General Manager LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT

CH/RD

#### OPERATION OF IRRIGATION DISTRICT UNDER PLAN OF

#### PURCHASING WATER FROM EL CAPITAN AT COST

- (a) Cheapest water to be produced at El Capitan 6.95¢ per 1,000 gallons
- (b) Cost of pumping this water to the flume 1.004 " "
- (c) 7.95¢ " "
- (d) Water sold by District in 1930 3.33 million gallons per day.
- (e) Losses in 1930 were 42.6% of diversions.
- (f) Under this plan 30% of flume would be abandoned bringing losses to about 40%.
- (g) To deliver 3.33 M. G. D. would have to purchase at Dam 5.55 M. G. D.
- (h) Water purchased 5.55 M. G. D. 2,025,750,000 gallons per year.
- (i) Water sold through meters 3,33 M. G. D. 1,216,692,312 gallons per year.
- (j) Annual operating, maintenance, and administration expense estimated by making proper reductions and eliminations from past average Expenses to conform with this plan -
- (1) Average Income from Operations over the past 5 years has been \$166,000 which would leave a deficit of \$97,642 in a year when water sales amounted to 3.35 M.G.D.
- (m) Cost of 1,216,692,312 gallons sold in 1930 would have been 21.67¢ per 1,000 gallons.
- (n) Average cost of water over past 5 years including Extraordinary Legal Expense but excluding interest on bonds and depreciation 11.75¢ per 1,000 gallons.
- (o) Average cost of water over past 5 years excluding Extraordinary Expanse 10.6¢ per 1,000 gallons.
- (p) Could pay 1.97¢ per 1,000 gallons for water IN FLUME at Dam including cost of pumping and not exceed cost of 11.75¢ per 1,000 gallons delivered to consumers.
- (q) Could pay 1,28¢ per 1,000 gallons for water IN FLUME at Dam and not exceed cost of 10.6¢ per 1,000 gallons delivered to consumers.
- (r) Receipts from water over past 5 years excluding Sales to San Diego & Miscellaneous revenue have averaged 12.7¢ per 1,000 gallons.

### LAMESA LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT.

La Mesa, California August 10, 1932.

Colonel Ed Fletcher, 1020 Ninth Street, San Diego, California.

My dear Colonel:

In reply to your letter of August 3th requesting information as to the wells, water upplied, et detera from the disintegrated granites in El Cajon Valley, I would say that in this region there are approximately 100 wells in the disintegrated granites of the valley and the surrounding hills. These wells yield from one-half second cot down. In the abgregate an enormous amount of rater is furnished from this source. It is estimated that from one-half to two-thirds of all the vater used in the intensively developed areas around the MLC jon Valley section is furnished from these wells and has been so furnished for a great any years. Fractically all of the highly developed procesties in that vicinity use well after, either in whole or in part, for irrigation process. Of course, you understand that the water pumped from these wells and used on the londs is not lost but a large percentage of it percelates back into the ground and is recovered.

It will be almost impossible to sate the number of miners inches of water so pumped but it must run into several hundred inches. These wells are of all characters and depths; some dug and some drilled; some are comparatively few feet in depth and others are upwards of 200 ft.

This pumped water has carried that entire erea through several protracted drouth periods when no other water was available for their orchards.

I am forry that I have no detailed information as to the exact yield, et cetera, from each well but the above will give you a rough general idea of the tremendous potential supply of water contained in these disintegrated granites.

Yours very truly,

General Manager
LAMESA, LEMON GROVE & SPRING VALLEY
IRRIGATION DISTRICT.

June Ninth

La Mesa, Lemon Grove & Spring Valley Irrigation District La Mesa, California

Attention Mr. Harritt:

My dear Mr. Harritt:

Confirming our telephone conversation will say we are signing the easement for right of way thru the Van Horn property for the Dehesa syphon which we are delivering to you on the following conditions:

First, That, after installing the syphon you grade a fifteen foot right of way for road surposes along this easement from the Dehesa road to the southerly boundary of our property and put it in condition for travel.

Second, That the present pumping plant obtaining service from the flume be moved and connected up with the new syphon adjacent to the right of way without expense to us.

Third, that the house which now receives service from the flume receive service from the new syphon under pressure.

Fourth, That the old flume line be completely demolished and eliminated from the property so there may be no eye sore.

Fifth, That the present flume right of way be deeded to us ell your right, title and interest or to the county for road purposes as we may elect.

Kindly confirm.

Yours very truly,

#### 4769 SPRING STREET - PHONE LA MESA 238 LA MESA, CALIF.

LA MESA, LEMON GROVE & SPRING VALLEY

IRRIGATION DISTRICT

January 29, 1934.

Colonel Ed. Fletcher, 1020 Ninth Street, San Diego, California.

My dear Colonel:

In reply to your query as to my reasons for recommending the adoption of spun pipe for the flume reconstruction,
rather than the old type of poured pipe, I will, as briefly as
may be, give you the following information and a history of our
experience with the old poured pipe on this system.

In the first place it is my opinion, and I believe this opinion is based upon facts, that the use of centrifugally spun pipe will result in an economy in first cost as well as upkeep and other later costs. Many cities and organizations here in the West, in the last eight years, have been fit to specify exclusively the use of centrifugally spun pipe and their reasons have apparently been more than a desire for a quality product, that is, the demand of economy has been faced by them the same as it must be faced by us. Among these cities can be listed Los Angeles, Pasadena, Glendale, Long Beach, San Francisco, Tacoma, Phoenix, and others. Thus it seems that from the experience of others with this type of pipe, that the buyer has been able to secure quality with economy in the same product. I am wholly unable to agree with your statement that

the reconstruction of this flume with the type of pipe decided upon will cost the property owners in the District \$190,000, or any other sum, in excess of what it would cost to install the old type of pipe.

Now, as to our own experience here in the District, I am relating the following. I want first to say, however, that you and we and all others connected with this project, must realize that this pipe line, which we are contemplating building, is going to carry the main and virtually the only water supply of thousands of acres of land and thousands of residences and it is my hope that the line, when it is now put in, will be permanent and free from later costly and irritating maintenance expenses and interruptions in service.

Our first installation of concrete pipe on the main flume line was in 1912 when we installed 1223 feet of 42\* poured concrete pipe on the Sand Creek cutoff, approximately two miles below the Diverting Dam. This pipe was put into service in the early Fall. At the first cold weather in the following Spring, practically every joint on it was leaking, some seriously and to such an extent that it was necessary to empty the line, go over all the joints, channel them out and mortar them up on the inside and pour a heavy collar on the outside. This method proved effective throughout the year until the first cold weather in the succeeding Fall when we called in all the cement pipe engineers and so-called experts who were available. Various means were suggested as to the proper handling of the condition, some,

or all, of which were tried out from time to time. As the matter now stands regarding this particular section of line, there has been more water wasted from it in the past twenty years than from any other section of the main flume. I have not inspected this syphon this morning but last night it was cold and snappy and it is a thousand to one gamble that practically every joint on that syphon is leaking at this moment. As the water warms up in the latter part of the day, the minor breaks will have closed but some of the major ones will continue to run at the rate of an acre foot, or more, per twenty-four hours. Further, in the past twenty years there has been more money expended in an effort to get satisfactory service from this line than on any equal length of the old wooden flume, even though such equal length be on high trestles where the maintenance charges are heavy.

Next. In 1913 about one mile of 24\* concrete pipe under maximum head of about 100 feet was laid between the Grossmont and Eucalyptus Reservoirs. Every effort was made to overcome in this line the weaknesses which had developed in the Sand Creek syphon. The difficulties here were not so great inasmuch as the Eucalyptus and Grossmont Reservoirs, though small, serve to iron out the vast ranges in temperatures in the water flowing in the Sand Creek Syphon and while the results have not been as bad on this line as on the Sand Creek line, the cost of repair and maintenance has been very, very high. We have adopted a plan of shutting

the water out of this line, going inside and channelling out and mortaring up the joints, then casting a heavy re-enforced collar over the entire joint.

At the same time a 36# line was laid from the Wain flume over to the Grossmont Reservoir. This line was practically a gravity line with the exception of one dip, being under only a four or five foot head. There was very little steel used in its re-enforcement in view of these conditions. However, it has since proven necessary to jacket large sections of this with large concrete jackets, certain sections of it, under pressure, were inclosed in a monolithic cast, re-enforced concrete jacket. Roots from a eucalyptus grove had penetrated some of the joints in the pipe and expanded, practically closing, in the course of time, this 36" diameter pipe and gradually forcing not only the joints apart but longitudinal splits. A large portion of this proposed replacement will be on the flume bench but there will be a moderate pressure upon all of it under working conditions as pressure boxes are to be installed at frequent intervals for the purpose of creating sufficient head to supply the lands adjacent to the flume.

In 1918 the Sweetwater trestle, a structure 1250 feet long and 76 feet high, collapsed during a violent wind storm. A 39\* re-enforced concrete pipe was put in to replace this structure. In view of our past experiences with concrete pipe on this system, such experiences being familiar to all the concrete pipe engineers in the Southwest, every effort was made and every care was taken to guard against a repetition

bar type and we were given every assurance by the various engineers that no possible difficulty could arise. This pipe functioned perfectly from the early Spring of 1918 to about 1920 when during an unusually cold snap it pulled apart in a number of places, the total leakage amounting to, at that time, about three second feet. This condition has continued to this day. Repairs are being made continuously whenever it is possible to shut the water off of the main flume line for that purpose. It was reported to me this morning that there is in excess of a second foot of water running down across the fields from this line.

In 1920 a line was installed across the Mesa from the Torrey Pines reservoir towards La Jolla. This was a re-enforced concrete pipe, 18" in diameter. Immediately upon water being turned into this line, it developed a considerable weakness in the pipe itself and almost universally in the joints. This condition was remedied by putting an iron band around the joint and about a half inch out from the pipe, the former mortar collar being trimmed off to a comparative smoothness and the band calked somewhat similar to the making of a cement joint in cast iron pipe. I am informed that this repair has proved effective excepting that, owing to the corrosive condition of the soils, many of these bands have rusted off and required replacing the entire joint.

In 1923 the Cuyamaca Water Company installed 7000 feet of 18" re-enforced concrete pipe, on what is known as the Hawley Pipe Line. This line started out at the level of the flume and the head gradually increased from zero to a maximum of 35 feet at its lower end. In view of our past experiences with this type of construction, I called in and consulted a number of the most competent cement pipe men obtainable and it was the consensus of opinion that skilled layers should so install this pipe that we might have no fear as to its permanence and service. However, we are having exactly the same difficulty with it as we have had heretofore with our other lines, the only apparent remedy being to put iron bands around the joints and calk them.

This is a very expensive method of repair.

About 1926 centrifugal concrete pipe with collar joints was called to my attention. Theoretically, the type of joint employed is efficient and the pipe being made in eight foot lengths, the number of joints is less than one-half those in a line of the ordinary type of concrete pipe which is made in much shorter sections. We had occasion in 1927 to lay about a half mile of 14° pipe under a maximum head of 120 feet. This was through an area where leakage, or breaks, would cause no property damage and we determined to put in a spun or centrifugal concrete pipe as an experiment. This line has functioned 100 per cent since its installation.

syphon, 1250 feet long, under maximum head of 100 feet. As a further experiment, we decided to use the spun pipe with the collar joint. This line has been functioning under as severe conditions as will exist on any portion of our proposed flume replacement and has been absolutely tight and perfect.

In the fall of 1929 about one mile of our flume
line was burned up and replacement was made with 48" spun
pipe. This line, with the exception of a number of short
syphons, was on the flume bench and therefore under no pressure.
Collars were not used on the joints of the gravity sections.
The dips and syphons, of course, were laid with the calked
collar joint. The flume on the gravity bench moved slightly
with consequent cracks at the joints but owing to the light
pressure, the leakage is slight from these joints and on the
syphons with the collars no leaks have occurred up to this time.

Now, so much for our past experience with concrete pipe under the conditions existing in this section.

It is perfectly obvious that the ordinary concrete pipe, as it contracts, will crack entirely around the circumference. This crack may be very minute but being anywhere from 10 to 12, or more, feet long, depending on the diameter of the pipe, will leak a vast amount of water. Under the spun type of joint, the two ends of pipe are butted up together, there is a heavy re-enforced concrete collar set over the center of the joint. This is calked with a moist cement and

then grouted and pointed up inside. When the contraction takes place, this inside joint will, as in the other type of pipe, probably crack, or open up slightly over its entire circumference. However, in contraction, or subsequent expansion, the pipe will slip within the collar permitting, at most, a slight seepage which can be readily calked, if sufficiently large to justify, from the outside. It should be noted also that owing to the lesser number of joints and the smoother interior surface, this spun pipe has a materially greater carrying capacity than the ordinary concrete pipe, permitting the installation of a slightly lesser diameter of pipe. Furthermore, the mixture is far denser and more compact than in any poured pipe, and there is less possibility of moisture penetrating through the steel and through to the outside. My only interest in this particular question is, that I do want to install a type of structure which I can pass on to the people of the District and future management, with a reasonable expectancy that the maintenance and depreciation costs will be at a minimum and that the pipe, and particularly the joint, will withstand the drastic temperature changes which we encounter here. The range in temperature in the water flowing through this flume varies as much as 60° in a year and as much as 30° over a 24 hour period.

I think that it is perfectly proper that you receive a full explanation of why I have recommended this particular

1-29-34.

type of pipe. I recognize your right, as the largest property owner in the District, to make such suggestions as you consider may be in line with decreasing the cost to the District and consequently to its property owners.

I trust that I have fully answered your queries. I am fully aware that a thousand concrete pipe manufacturers, and as many engineers, can demonstrate to you where I am wrong but any cold morning I can show you the lines heretofore installed and can convince you that the situation is exactly as I have described it.

Yours very truly,

Company Manager

General Manager LA MESA, LEMON GROVE & SPRING VALLEY

CH RD IRRIGATION DISTRICT

DIRECTORS

R. BRUCE CARMICHAEL, LA MESA, NO. 1 R. M. LEVY, LA MESA, NO. 2 WM. H. WEST, LENON GROVE, NO. 3 WM. H. SPERRY, SPRING VALLEY, NO. 4 FRANK R. BEATTY. EL CAJON, NO. 8

### LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT



FRANK R. BEATTY, PRESIDENT

C. HARRITT, GENERAL MANAGER

IRA C. ROBINSON, ASSESSOR-COLLECTOR STEARNS, LUCE, FORWARD & SWING

E. P. HYATT, ENGINEER AND

4769 SPRING STREET - PHONE LA MESA 238 LA MESA, CALIF.

December 20, 1934.

Colonel Ed. Fletcher, 1020 Ninth Street, San Diego, California.

My dear Colonel:

In reply to your letter and the enclosed letter from Weaver.

You may remember many years ago there was a man on the Hawley Pipeline named Moyer who was continually seeking trouble and making trouble for the Cuyamaca Water Company. Moyer has long since left that section but this other party is a very worthy successor. Aided and abetted by Jesse George and Patterson, it is the old, old scrap of trying to reinstate the old water right contracts. Weaver has pestered the Railroad Commission until I think they have practically insulted him. He wrote a long rambling letter to President Roosevelt protesting against the R. F. C. granting us a loan on the ground that we were not treating the Hawley Pipeline people right. This letter was sent on to us by one of the President's Secretaries with a request that we present our side of the controversy and return the original to him. That particular section is, as it has been for the last 25 years, a source of continual trouble to the Irrigation District.

-2- Colonel Ed. Fletcher

12-20-34.

I note in Weaver's letter that he states you told him that the Cuyamaca Water Company sold them water according to the amount of stock they owned in the Hawley Pipeline. This is incorrect. For many years the Cuyamaca Water Company delivered into the line for them the amount called for in their old water right contracts. In later years, I think from about 1917, they sold them such amount of water as they might require up to the capacity of the Hawley Pipeline.

My personal reaction, in answer to your question, is that the less you see or have to do with this man the better off you are. I enclose you herewith his letter.

Yours very truly,

General Manager

LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT

CH RD

ENC. 1

DIRECTORS

R. BRUCE CARMICHAEL. LA MESA. NO. 1 R. M. LEVY, LA MESA. NO. 2 WM. H. WEST, LEMON GROVE, No. 3 WM. H. SPERRY, SPRING VALLEY, NO. 4 FRANK R. BEATTY, EL CAJON, NO. B

LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT



W. H. JENNINGS, ATTORNEY

OFFICERS

FRANK R. BEATTY, PRESIDENT

E. P. HYATT. ENGINEER AND

C. C. FRENCH. TREASURER

RUTH C. DREW. SECRETARY

C. HARRITT, GENERAL MANAGER

ASSISTANT MANAGER

IRA C. ROBINSON, ASSESSOR-COLLECTOR

LA MESA, CALIF.

December 30, 1936.

Colonel Ed Fletcher, 1020 Ninth Avenue, San Diego, California.

My dear Colonel:

In reply to your request for statement as to the total indebtedness on Fletcher Hills Units No. 1 and 2, we would advise you as follows:

The total indebtedness against Unit No. 1 is \$4,388.36. This includes the estimated 1936 assessment and interest at 7% from July 1, 1935 to December 31, 1936 on the total amount with the exception of the 1936 estimated assessment.

On Unit No. 2 on the same basis, the total indebtedness is \$26,021.90 which includes \$1,082.76 for delinquent water bills for the year 1932. On this particular item there can be no reduction. It also includes the indebtedness on those portions of Unit No. 2 now outside the District but delinquent for the years 1932 and 1933 and, as in Unit No. 1, it includes the estimated 1936 assessment on those portions now within the District, together with interest from July 1, 1935 to December 1, 1936. The total on both units is \$30,410.26, this being exclusive of penalties, advertising

or other costs with the exception of 7% interest heretofore mentioned.

You are probably aware that a settlement has been made with the Waring Estate for the delinquencies on their property, the amount very closely approximating the amount owing the District on Units No. 1 and 2, of Fletcher Hills and no reduction was made in this instance.

The Board feel that they are duty bound to make as large a recovery as it may reasonably be expected to pay. They have, however, no knowledge of the other indebtedness which is a burden on this property and no knowledge as to what the net indebtedness on the property will be upon settlement of these other burdens. Therefore the settlement of the District would resolve itself into a knowledge of these conditions and the Directors would base their demands upon what burden the property might reasonably be expected to carry with the exception, of course, of the \$1,082.76 in water bills.

You are aware, of course, that the District would be willing to give you a contract for the payment of this amount if it were paid in full. The time would undoubtedly be shortened as the amount was scaled down.

As per my conversation with you, the Board felt that you were probably in a better position to make an offer, knowing as you will the total indebtedness which the property will have to carry.

I hope that this gives you the information which you require and I hope that you may be able to work something out on this property.

With best personal regards and the Compliments of the Season, I am

Yours very truly,

C. HARRITT General Manager

LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT

CH RD

. . .

March 23, 1938.

Mr. Harold B. Reed, Municipal Bond Company, 650 South Spring Street, Los Angeles, California.

Dear Harold:

The Irrigation District's Committee in charge of clearing up Improvement Districts met yesterday, March 22nd, and considered your suggestion and Colonel Fletcher's request that additional
reductions be made in the District's tax liens affecting various
properties in Fletcher Hills.

The entire situation and the various conferences and proceedings involving the clearing up of these properties were reviewed and discussed in detail.

and the Board of Directors of the District have viewed with concern the departure from the policies as understood by our Committee to have been established or agreed upon at a meeting held in your office in San Diego on July 17, 1937, and reaffirmed at a meeting held in the Irrigation District's office on August 2, 1937, and upon the basis of which understanding of the situation a reduction in the District's liens was agreed upon. In all cases where the District agrees to a reduction in its liens, such reduction is predicated upon the payment of the reduced amount within a comparatively short time. In this particular instance, there was involved the clearing up of the respreads in both A. & I. D. No. 19 and A. & I. D. No. 4;

the clearing of the County taxes, in which the Irrigation District was to render such assistance as it might, and various other matters in which the District's interests were not particularly involved in a financial way; all as set out in the memoranda of the above dates and clarified somewhat by correspondence between yourself, the District, Colonel Fletcher and numerous informal discussions.

However, the situation, as the Committee now understands it, seems to be about as follows: there has been a year's moratorium insofar as the District's liens are concerned; there are three years thereafter in which the reduced amount of the District's liens may be paid; there is no security whatsoever that the liens will be paid at all; it appears to be uncertain as to whether or not the respress on No. 4 or No. 19 will be lifted from the property; there is serious question as to whether or not any settlement will be reached with the Murray interests in which the District is not interested other than as it may affect the cancellation of the bonds upon the property in which the District has an interest. It is felt that inasmuch as under the present setup the District is called upon to wait an undetermined length of time for the payment of its liens, that it might be just as well to wait for the full amount as for a reduced portion.

I have been directed by the Committee to advise you that in view of the situation as it now stands, there exists a grave doubt as to the adequacy of the protection afforded the District and the Committee is unanimously of the opinion that the best interests of the District require that no reduction be made in the District's liens upon other than the basic policy outlined in our various conferences in July and August of 1937.

I was also asked to express the Committee's regret that developments in this settlement have rendered it necessary that the District, for its protection, take this action.

Yours very truly,

C. HARRITT (Signed)

C. HARRITT General Manager and Chief Engineer

LA MESA, LEMON GROVE AND SPRING VALLEY IRRIGATION DISTRICT.

CH:G

cc to Col. Fletcher cc to Mr. Armistead Carter March 31, 1938

La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, California

Attention: - Mr. C. Harritt

My dear Mr. Harritt:

Confirming our tentative offer re AAID #19 will say, on behalf of the Ed Fletcher Company and Grossmont Park Company, we will under take to raise the funds from outside sources along the lines suggested in the proposition of the Municipal Bond Company in their letter of March 25rd paying you 15¢ on the dollar for the delinquent taxes, 50¢ on the dollar for water heretofore purchased, and you to assist us in getting a settlement of 15¢ on the dollar on delinquent state and county taxes and respread as mentioned in the Municipal Bond Company's letter of March 23rd. The money to be available within 30 days from date, if possible, and in no event later than 60 days, and put in escrow subject to the final elimination of A&ID #4 and #19.

Your favorable action in this matter will be appreciated.

and interest in A&ID #12; 70% of our interest in A&ID #19, and in addition we have deeded a large amount of acreage and put up \$900. in addition to eliminate A&ID #4, so we have taken a terrific beating if this settlement is consummated, and I will do everything I can if it is your desire to put this deal over.

Sincerely yours,

ED FLETCHER COMPANY

By \_\_\_\_\_Agent

Mr. Harritt telephoned the following:

The Thums will listen to absolutely nothing but \$35,000 CASH.

If it is not forthcoming they are going to carry on their suit.

Our suggestion is that the district go ahead and quiet title to that property against Thum and put thru the deal as we have planned it, you to have the sales agency as heretofore planned and in the event the Thums get a judgment against you we will undertake to pay your pro rata share of the receipts of the property or deed the remaining property back after the other allocations are satisfied, to some other party or corporation.

In other words, if the Thums do get a judgment against you we will undertake along the lines set out, above to protect your interest in Fletcher Hills against such judgment.

This matter is important as we must know about where we stand by Monday morning in order to get word to Mr. Rosetti.

The Board has not been informed of this situation., which has just arisen but both Jennings and I will recommend this course of procedure to the Board and are satisfied they will go forward on this basis but we want your reaction to it.

Get in touch with Ed Jr so he can be out here at 8:30 Monday morning to meet Jennings and me.

HARRITT and They -

(Mr. Harritt telephoned this in so you could be thinking about it. He will call you tonight about 8 o'clock.)

September 6, 1939

Mr. C.Harritt La Mesa, Lemon Grove & Spring Valley Irrigation District, La Mesa, California

Re:-F.&.W.THUM

My dear Mr. Harritt:

Confirming telephone conversation of this morning, the Thums refuse to make any settlement except for \$35,000 cash which I could not raise. I offered them \$10,000 in cash that I was able to raise; \$5,000 in six months and \$5,000 in a year and the balance in two years - giving them in addition their share of clear property in Fletcher Hills as security and note of the Ed Fletcher Company - the stock being owned by all the children. It is a condition, not a theory that confronts us.

In last light's telephone call, their Attorney Mr. Moerdyke said that if it could be arranged that they get 35% of the net sales, as the sales came in to apply on the obligation after deducting the selling commission, he would recommend that this arrangement be made providing it interferred in no way with continuance of the foreelosure suit, and the F.&.W.Thum Company would release the property as sold from the Thum mortgage.

The Thums are pressing the suit and it goes to trial on the 27th of September. As I stated several times before, I am going along with the District - whatever your final decision is.

Sincerely yours,

EF/jv

Harrimenel with form mal of me 20

## LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT

-DIRECTORS

R. BRUCE CARMICHAEL. LA MESA, NO. 1 R. M. LEVY. LA MESA. NO. 2 WM. H. WEST, LEMON GROVE. NO. 3 W, H. SPERRY, SPRING VALLEY NO. 4 FRANK R. BEATTY, EL CAJON, NO. 5

Phone La Mesa 6551 or 6611 4769 Spring Street

LA MESA, CALIFORNIA

OFFICERS

R. M. LEVY, PRESIDENT
W. H. SPERRY, VICE PRESIDENT
C. HARRITT, GENERAL MANAGER
AND CHIEF ENGINEER
KARL HUDSON, SUPERINTENDENT
C. C. FRENCH, TREASURER
RUTH C. DREW, SECRETARY
IRA C. ROBINSON, ASSESSOR-COLLECTOR
W. H. JENNINGS, ATTORNEY
PHONE LA MESA 2308

November 10, 1939.

Colonel Ed Fletcher, 1020 Ninth Avenue, San Diego, California.

Dear Sir:

In compliance with your instructions we are enclosing herewith deed to the Cuyamaca Water Company covering the reversionary interest in the Fletcher Damsite lands lying between the 995' and the 1015' contour.

Yours very truly,

C. HXRRITT

General Manager & Chief Engineer

LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT

CH RD Enc. 1

Es: check dese before we file of record -

11/8/39 Ex paine ok.



Recorder 11/4/39

February 10, 1942

Mr. C. Harritt La Mesa, Lemon Grove and Spring Valley Irrigation District La Mesa, California

Dear Mr. Harritt:

In further reference to the sands and gravels in the San Diego River and their depth, also present wells and capacities of same, will say that I have ascertained the following:

From the City limits east for approximately a mile to within 500 feet of the bridge crossing the river at the old mission are located eight or nine 12 inch bored wells of the City of San Diego. These wells are from 100 to 125 feet in depth and I am informed by Mr. Pyle that the City has pumped continuously, month after month, better than four million gallons per day.

Above Grantville, on the Barker Place, there is a thirty-foot well which does not go through the entire sand and gravel strata and this well pumps from 250 to 300 gallons per month throughout the summer.

Across the river from Barker is the Briden well, which had capacity for approximately 200 gallons per minute and pumped same for years.

Just below Barker and Briden, on the west side of the river, on the old Jacques Place, were several wells pumping between 300 and 400 gallons a minute.

On the Johnson Ranch, a little farther up the river, I am informed by Mr. Phillip Mayer that this well was only 30 feet deep but did not penetrate the entire sand and gravel strata and the four-inch pump pumped 500 gallons a minute throughout the entire summer.

Just above Johnson is the Trusheim Place, and that well had a three-inch pump pumping 250 to 300 gallons a minute.

Next above Trusheim was the Yano Place, also with a three-inch pump pumping 250 to 300 gallons per minute.

TARRE 2

Mr. C. Harritt

Goldmel ad Platelor, 1920 Minto .venue.

Charle Triot?

In compatable of the groun like and a ligner of development street back of trees a palon fone and sel ai domining the reversions years of granter of granter bas 'duser's coemted site! abus, estemble delicatellia . Timilion ! didl and

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Mr. C. Harritt The state of the s

Page 2

Above Yano is the Summers Place but the well date I have not been able to get.

Trusting that this is the information you desire, I am

Sincerely yours,

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enegations trans-Agricular to the contract of t

November 26, 1942.

LA MESA IRRIGATION DISTRICT, a esa, California.

Attention Mr. C. Harritt

My dear Marritt:

Answering yours of the 18th together with copy of lease will say there must be some mistake on your part, and we want to help you rectify it.

First, you have leased to the government Lots 1 and 2 in Section 3 which you have signed a contract to sell to the M. Hall Company. Second: You have also included in the lease Lot 23 Block 16, Lots 24 to 34 of a re-subdivision of Lot 23 Block 16 which we have purchased under contract ourselves from the Mistrict. Certainly we must have some interest in this matter as well as all the other property under the original agreement between the county, the bond holders and the Irrigation District. This is not intended as any criticism but you asked us on the 23rd of September for our approval of this lease with the government which we have never given and certainly we are in interested party if we fulfill our obligations in relation thereto. We are also entitled a reasonable compensation from the government.

have certain rights to this property and we reserve the right to prosecute our claim for trespassing. Would not this solve the matter and let the lease stand as it is? What do you think about it? I take it for granted that everything remains in status up as long as the government lases the property and time is not running against us under our sales agreement. Planse advise what to do. We don't want to gum up the cards in any way and appreciat everything the vistrict is doing for us.

Please let me have the opinion of your splendid attorney, ar. Jennings and tell the boys the grapefruit is ripening in nice shape. Thank the boys for the splendid support in the election. I was more than happy the way lawes and your district supported me. Have you any legislation you want introduced at the next session?

With kind regards, I am

Sincerely Yours,

August 24, 1942.

Colonel Ed Fletcher, 1020 Ninth Avenue, San Diego, California.

y dear Colonel:

In answer to your inquiry regarding water locally available for portions of Block 36, Fletcher Hills, I would reply as follows:

There is a considerable portion of this block or tract made up or underlain by disintegrated granites. The water in these decomposed granites is derived:

- 1. By absorption directly from rainfall;
- 2. By absorption from streams; and
- 3. By seepage from irrigated areas.

Tese disintegrated granites may vary in depth from a few feet to in excess of 100 feet. I have no exact information as to the depth of this material on the tract in question. However, I would assume that it is of sufficient depth to contain a large amount of water. This conclusion is based upon my knowledge of the amount of water which the wells around the outer edge of this basin have furnished in the past.

The wells in the area on the Southern, Eastern and Northern sides of the basin contributing to the area in question, have through periods of dry years furnished the entire supply to maintain the extensive development in orchards and truck gardens throughout that area. In addition to the amount of water percolating into the area in question from the San Diego River and from the rainfall in the entire Southeasterly portion of the El Cajon Valley, the Irrigation District is delivering into this valley approximately 1300 acre feet annually. The North and Easterly portion of these lands are so located that the movement of water in the entire valley and from the surrounding hills is in their general direction. The yield of wells in the disintegrated granites of the El Cajon Valley is as set out in my letter to you of agust 10, 1922, a copy of which is herewith enclosed.

It would be difficult to undertake a determination of the exact amount of water which may be developed and withdrawn from the disintegrated granites underlying the various portions of Block 36, Fletcher Hells. However, based upon the development in other portions of the valley which are not so favorably situated, it must be assumed that it would be very substantial in amount.

As to the cost of putting water on these lands by including them within the Irrigation District's boundaries, I would advise you that the ordinary inclusion fee is about \$200.000 per acre, plus the cost of the necessary pipelines to serve such lands, which upon their inclusion assume their portion of the bonded indebtedness of the Irrigation District, running to about \$100.00 per acre. It is, therefore, obvious that local supplies should be developed first and that they have a very substantial value, even though they must be developed and the water pumped from the lower to the higher elevations or wherever its use is desired. This pumping charge is nominal, and water developed and delivered to any reasonable elevation on this property should not exceed the cost of water purchased from the Irrigation District.

Trusting this is the information you require, I am

Very truly yours,

C. HARRITT

General Manager & Chief Engineer

LaMesa Lemon Grove and Spring Valley

Irrigation District.

COPY

Yours sincerely,

December 24, 1942

Asking your surly attention to thin matter, and winhing you all the Compliaments of the desach, I am

And also our desire to cooperate with the district.

Talmess, Celifornial sensor, to the date of Jan. 25, 1943, in order to sutilities of Jan. 25, 1943, in order to sutilities of Shring sensor.

Centlemen: Attention Min.C. Harritt's Managements.

the District to sign the lease, with the government on our of the fletcher Hills No. 2 property. The government is now asking of us for a waiver to the lease, as well and have showed us a on waiver from Municipal Bond Company interests. To objust the lease as well and have showed us a on waiver from Municipal Bond Company interests.

Ath you cancelled. We feel he have a right to ask the District.

Brates of dwelled, he feel he have a right to ask the District.

Brates of dwelled, he feel has abhased to ou take 3, writicle

States of Jan. 25, 19 Me, have Long Aont leave with the furte even

"Such termination; however, whallo take placeerjes will sement only in the event that the owners of the property advise the Government that the arrangements have orling been made to proceed with the construction on the horizon outsing or other installations, meet preofficementalistrial off otherwise, which are directly conedernee nected with and in furtherange of the parceffort to duration of the war. In other words, would time be running year, wonld not our selectither Reed or Johnson dictated that he colauso To It shuts us out completely in the sale of the property but combe cancelled if Reed par all samt to go shead with their housing project. Mr. Reed has definitely made the statement to the government officials that they will eventually subdivide "this property mand Reed ot al are protected where we are not, because we could not live up to the conditions or command the money that Reed can commend to put on a housing project if they have the opportunity, and materials available. of this lease and the conditions.

Personally it looks to me as if we are tied and cannot fulfill our sales agreement with you on account

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The Irrigntion Plantict's boundaries, I would advise you that the artical the Irrigntion Plantict's boundaries, I would advise you that the artical Landlunton fee as about 4200.000 per dore, thus the cost of the necessary of perve their feeds, that is not used the necessary of the thought and obtained the frightion their inclusion assume their portions the thought and obtained the frighting that I the shall be about 410.00 per acre. It is, therefore, obvious the local supplies shall be expected and they have a vary substantial value, even their are made to developed and the sater purped from the dower to the higher elevations or developed and aclivered to any resonance elevation on this preperty should not exceed the cost of rater throughts and the exceed the cost of rater throughts and the exceed the cost of rater throngs and include the error than District.

Trasting this is the information you require, I em

Very truly yours,

General Manager & Chief Engineer in Mass. Lewon Grove and Spring Valle Irrigation District.

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attention of the best of the second section of the second second

of this lease and the conditions,

Then exain, when we signed this sales agreement conditions did not exist as they do today, with a very on and restrictions by the government.

Jamasking you to please take up with your attorney. Mr. Jamaings, this question, — with the signing of the lease to the government by yourselves and approved by heed, would not our sales agreement remain in statu que for the duration of the way. In other words, would time be running against us, and can we apt get an extension of our present sales agreement on the basis of the sales already made without making enough new sales to fulfill the quots as required under the original terms of the sales agreement with you by January 25th, 1943.

We do not must to have our sales agreement with you cancelled. We feel we have a right to ask the District, for the duration of the war, to have the agreement in force even if we do not fultill our quots of sales as set forth in the agreement of Jan. 25, 1940.

I would like to have an opinion from your alberney, if you please, as to the legality of our contention that we have a right in court and equity to request the extension of time above referred to in the life of the sales agreement, in light of existing conditions.

there much more sales must we make to complete our quotamos sales must be make to complete our quotamos sales as the agreement, to the date of Jan. 25, 1943, in order to automatically extend our agreement.

I am sure you appreciate our situation and also our desire to cooperate with the district.

Asking your early attention to this matter, and sighing you all the Compliments of the Season, I am

lours sincerely,

March 5, 1943

Mr. Chester Harritt, La Mesa, Lemon Grove & Spring Valley Irrigation District, La Mesa, California.

My dear Harritt:

Enclosed herewith find deed from the Cuyamaca Water Company to the Murray Dam house, also quitclaim deed to the Grossmont property being held in trust by the District as per your resolution of May 22, 1942 and Resolution No. 2994 dated Feb. 24, 1943.

Kindly acknowledge receipt of these deeds.

Yours very truly,

ED FLETCHER COMPANY

EF KIM

### La Mesa, Lemon Grove & Spring Valley Irrigation District

R. BRUCE CARMICHAEL. LA MESA. NO. 1 R. M. LEVY, LA MESA, NO. 2 WM. H. WEST, LENON GROVE, NO. 3 W. H. SPERRY, SPRING VALLEY, NO. 4 FELIX LANDIS, EL CAJON, NO. 5

Phone Homeland 6-3251 4769 Spring Street LA MESA, CALIFORNIA

March 8, 1943

OFFICERS

C. HARRITT, GENERAL MANAGER

RUTH C. DREW. SECRETARY

H. JENNINGE, ATTORNEY

IRA C. ROBINSON, ASSESSOR-COLLECTOR

PHONE HOMELAND 6-8386

R. M. LEVY, PRESIDENT

Senator Ed Fletcher 1020 Ninth Avenue San Diego, California

Dear Colonel:

We have received the grant deed to the Murray Dam property and also a quitclaim deed to the Grossmont properties, which will be passed upon and acted upon by the Board at their meeting on March 15th.

Yours very truly,

Secretary Manager

LA MESA, LEMON GROVE AND SPRING VALLEY IRRIGATION DISTRICT

CH/ljl

Day book ...

March 27, 1943

La Mesa Irrigation District La Mesa, California

Attention: Mr. Harriott

Friend Harriott:

We own over a thousand acres of land around the so-called fletcher take and you have two or three hundred acres there which we should own or control. We don't care so much for the ownership, but we would like a ten or twenty year lease - both for cattle and also for other development, subject to the District ever wanting to use it for the conservation of water, but giving us a six months' notice to vacate. I have plans that will mean the improvement of the property, increase of values, and regret that some arrangements can not be made to sell us the property. I want your cooperation. Will you consider a ten or twenty year lease and, if so, what reservations would you insist on. It goes without saying that its first use should be for the development and storage of water, if and when the time comes that it should be needed.

An early reply will be appreciated.

Very sincerely yours,

Ed Fletcher

EF-h

SECRETYIRY LiM. Lo By & Sp Valley Insightion District . 4769 Spring - In Mesa Dear Mr C. Hamitt'-Refering your letter 1 oct 3 1946 - Staring we District has no objection there we to fur brown out of Alivor has allow yourse across blocks 13 \$ 15 of Fletcher Hills wink no 2 map \$ 2122 and as abter montains after well and bestign centrally whenever good bestign centrally withing frameno bios dry mergind in wat to title sheet we must get fuit claim formifall Public Utilities affected by said

October 18, 1946

Mr. Chester Harritt La Mesa, Lemon Grove & Spring Valley Irrigation District 4769 Spring Street La Mesa, California

Dear Mr. Harritt:

Referring to your letter of October 3 stating the District has no objection to the vacating of an easement running north and south across Blocks 13 and 15 of Fletcher Hills, Unit 2, Map #2122, the Southern Title Company has made up a form for all public utilities affected by said easement.

Because of the wording in map title sheet, we must get quit claim form from all public utilities affected by said easement.

Very truly yours,

Mr. Chester Harritt La Mesa Irrigation District La Mesa, California

My dear Chet:

Enclosed find copy of letter from the Forest Service that is explanatory.

Not alone has the city violated its pledge to build a new road along the old abandoned flume line, as agreed when they asked the Supervisors to abandon the old County road up the San Diego River from El Capitan but we have been locked out and the only way 10 or 12 of us property owners can get to our property above the diverting dam is to go to Pine Hills and come down the Eagle Peak road and go back the same way.

I cannot believe that the La Mesa District realized the importance of this matter as and when they made application to have this road under lock and key.

We own 1000 to 1500 acres there and have a right to get to our property without going 50 miles to an elevation of 4000 feet or more to go back down to an elevation of less than 1000 feet.

I would like to have the Board of Disctors of the District take favorable action in relation thereto, that you have no objection to this road being kept open the year round.

Very sincerely yours,

### La Mesa, Lemon Grove & Spring Valley Irrigation District

OFFICERS - DIRECTORS JOSEPH LEVIKOW, LA MESA, NO.

R. M. LEVY. LA MESA, NO. 2

PROPERTY DEPARTMENT

Colonel Ed Fletcher 1020 Ninth Avenue

My dear Colonel:

Phone Homeland 6-3251 4769 Spring Street La Mesa, California

July 2, 1948

W. H. JENNINGS, ATTORNEY PHONE HE-3388

C. HARRITT, MANAGER AND BECRETARY

A. W. LIVETT, OFFICE ENGINEER

MARIAN S. RASMUSSEN. CHIEF CLERK

CARL MEHL, DEPUTY COLLECTOR

MARGARET C. PENRY, ASS'T. BEC.

San Diego, Calif.

In reply to your letter requesting information as to the safe yield of Cuyamaca Reservoir, I would advise you that the long time mean runoff at Cuyamaca dam is 4,520 acre feet per annum. This is based upon the records extending back to and including the season of 1887-88, as set out in Bulletin #48 of the State Division of Public Works. The safe yield of Cuyamaca Reservoir, under former conditions existing prior to the construction of El Capitan dam was estimated as being 1000 acre feet per annum. This was based upon its use during extreme drought conditions existing from 1897 to 1904 inclusive.

Under our present method of operation and our proposed methods of operation in the future of draining this reservoir each year into El Capitan Reservoir or into other contemplated terminal storage. between 2/3 and 3/4 of the gross runoff at Cuyamaca dam can be conserved and put to beneficial use. This would mean that that area should produce for the Irrigation District approximately 3000 acre feet of water on the average per year and with the result, of course, of reducing the District's purchase of Colorado water by that amount. This saving capitalized would



Page 2 Colonel Fletcher 7-2-48

pay a fairly high rate of interest on approximately a million dollars.

You can readily see that while Cuyamaca Reservoir is the most inefficient and wasteful for over year storage it does have a very considerable value to the District as regulating storage and an important portion of the District's water supply.

Yours very truly,

Manager and Secretary

LA MESA, LEMON GROVE AND SPRING VALLEY IRRIGATION DISTRICT

CH/mp

#### **Ed Fletcher Papers**

1870-1955

**MSS.81** 

Box: 10 Folder: 6

#### General Correspondence - Harritt, Chester - La Mesa, Lemon Grove and Spring Valley Irrigation District



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