

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING
SACRAMENTO

SEPTEMBER 12th, 1913.

Mr. W. F. McClure,
State Engineer,
OFFICE.

Dear Sir:-

On August 22nd there was filed in this office a copy of a petition and notice for the formation of an Irrigation District in San Diego County.

On September 2nd the petition was presented to the Board of Supervisors of that County, praying for the organization of La Mesa Lemon Grove and Spring Valley Irrigation District. The said Board, by resolution, found that the petition and proceedings complied with the requirements of the law, and directed that a copy of said resolution be sent to the State Engineer.

A certified copy of the resolution mentioned was received by this office September 3rd, 1913.

Pursuant to your instructions I immediately began an examination of the project, and in relation thereto have to report as follows:--

The proposed district embraces about fifteen thousand acres adjoining the City of San Diego and extending east to include the settlements of Lemon Grove, Spring Valley and La Mesa. The last named is incorporated.

The lands are rolling, alternate valleys and hills, many of the latter terminating in rocky bosses well above the average surface of the surrounding lands.

The soils are mostly sandy; productive under irrigation, but arid in their natural state. Almost no native timber grows in this region, the cover being sagebrush and other shrubbery.

Part of the lands in the proposed district are irrigated from the system of the Cuyamaca Water Company, but the service is extremely unsatisfactory, and it is said that nearly every user under that system who has land within the district has joined in the effort to form the district.

Some lands are served to a limited extent from wells and springs, particularly in Spring Valley, but these are only a small part of the district.

The project for supplying the district with water embodies a storage reservoir to conserve the flood flow of San Diego

-2-

river; a pumping plant to raise the water from the reservoir to the lands, and wells in the river-bottom to furnish a supply when the stored water has become exhausted.

Details, of course have not yet been worked out, but it is intended to construct a dam across the river where it enters a narrow rocky gorge at the lower end of a valley which later would be utilized as the reservoir.

The wells would be bored in the sands in the floor of the reservoir.

The pumping plant would be placed at the dam so as to pump from the reservoir and from the wells, as required.

The elevation of the flow of the reservoir as shown by the United States Geological Survey maps is about two hundred and seventy five feet above sea level. The elevation of a ridge between the river and the lands to be served is about six hundred and sixty feet. From this elevation, the greater portion of the lands can be irrigated but a considerable portion will have to be reached by pumping higher, probably by means of secondary pumping plants.

The site chosen for the dam is near a dam constructed by the Mission Padres in the 18th century to divert water to lands surrounding the old Mission. The dam and conduit have long since fallen to decay.

The flow of the San Diego as measured by the United States Geological Survey at a gaging station near Lakeside, eight or nine miles above the proposed dam, has varied from 11,000 to 67,000 acre feet a year, with a mean annual flow of 28,800 acre feet during the seven year period 1906-1912, inclusive. This does not include the water diverted by the flume of Cuyamaca Water Company.

This Company has a reservoir on Boulder Creek, a tributary of the San Diego River. Its storage capacity is stated to be 11,400 acre-feet of water. The water released from the reservoir flows down Boulder Creek some twelve miles to San Diego River. About 1,000 feet below the confluence of the creek and river the water is recovered by being diverted into a flume, and carried thence to the lands in and about El Cajon Valley, and in the proposed district.

The point of diversion is about fifteen miles above the gaging station on the river which is near Lakeside.

The flume is estimated to have a capacity of 16 second feet, but measurements taken since January 1, 1907 show a mean annual flow in the flume of 3673 acre feet.

It is said to furnish water to six thousand acres of land. This would indicate an unusual high duty, but as stated above the service has not given satisfaction. I was told that the Company has sold four hundred and twenty-five "rights". Each "right" is to one miners inch of water, (the use of the old inch or 1/50th of a cubic foot obtains in this country), and is supposed to suffice for ten acres of land. Upon that basis the Company is required to furnish water to 4250 acres, and from the record it has less than 3700 acre-feet of water to furnish.

It is reported that the Cuyamaca reservoir has been filled but once in twelve years, and the average yearly storage since 1901 has amounted to 4800 acre feet. From the above figures it would seem that the flume on the average does not divert water from the river excepting that which has been supplied from the reservoir. In other words the diversion by the Cuyamaca system does not interfere materially with the flow of the river. It may also be observed that several large canyons join the river between the point of diversion of the flume and the site of the proposed dam, thus adding largely to the drainage area tributary to the latter point.

It seems to be conceded by water users throughout this region that one "inch" of water for ten acres is sufficient, and they would be satisfied if they could get that amount. That is equivalent to 1.45 acre feet a year.

The proposed district embraces about fifteen thousand acres. Excluding streets, roads, buildings and rocky points will probably reduce the actual using area, say 20% which should balance all losses from seepage, leakage, etc., so that the district will require 1500 inches or 30 second feet. In the years 1909-12 inclusive there were three hundred days when the flow of the river was 30 second feet or more, the other days the flow varying from 29 second feet to nothing. The site selected for the dam appears to be well adapted for the construction of a dam. The geologic formation is such that considerable leakage may be expected, and for that reason the reservoir should have a large margin of capacity.

Owing to the high head to be overcome from the pump to the lands, the operating expenses will be high.

The rates paid in the district now are said to be \$70.00 a year for one inch, and that a raise to \$100.00 is contemplated.

The physical conditions appear to me to be:

That without storage it is doubtful if sufficient water can be obtained to supply the needs of the district.

That with storage, the San Diego River will furnish all the water needed.

That the benefits accruing from a safe supply of water in that region and the prices obtaining for it, will warrant a much larger expenditure for works than would be justifiable in some other portions of the State for works of the same unit capacity.

Respectfully,

Sgd. P. M. Norboe.

ASST. STATE ENGINEER.

PMN:LKA

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO

April 4, 1917.

Colonel Ed Fletcher,
#920 8th. Street,
San Diego, California.

Dear Sir:-

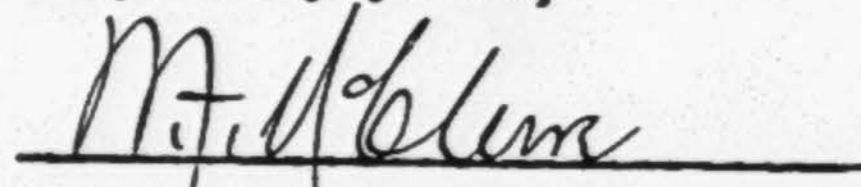
PROPOSED DAM FOR SAN DIEGUITO MUTUAL
WATER COMPANY:

Just this morning in possession of a letter from L. Jorgensen of San Francisco, enclosing plans and specifications for your proposed bridge in San Dieguito Canyon.

It is the writer's present intention to leave Sacramento Tuesday, the 10th., via the Sante Fe Angel train, arriving in San Diego on Wednesday, the 11th.

If convenient, will then see you and consult concerning the project.

Very truly yours,


-State Engineer-

WFM/HB

January 9, 1918.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

Under separate cover, I am forwarding you plans and specifications of the Eagles' Nest Dam. It was only through ignorance of the fact that the State demanded such small dams to be constructed under your supervision that we failed to forward these plans before. I hope you can see your way clear to make an inspection of the work the next time you are down to San Diego. It is a serious question in my mind whether the dam holds 3,000,000 gallons or not, but anyway I want you to inspect it.

With kind personal regards,

Yours very truly,

F-S

CLASS OF SERVICE	SYMBOL
Day Message	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a day message. Otherwise its character is indicated by the symbol appearing after the check.

WESTERN UNION TELEGRAM



NEWCOMB CARLTON, PRESIDENT GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Form 1204

CLASS OF SERVICE	SYMBOL
Day Message	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a day message. Otherwise its character is indicated by the symbol appearing after the check.

RECEIVED AT

C102GS BG 12 2EX

SACRAMENTO CAL 952A JAN 15 1918

COL E FLETCHER 257

920 8 ST SANDIEGO CAL

EAGLESNEST DAM MUST NOT BE CONSTRUCTED ACCORDING TO BLUEPRINTS

RECEIVED

W F MCCLURE STATE ENGINEER

1018A

Address all communications to *Department of Engineering*

W. F. MCCLURE, ENGINEER
GEORGE B. MCDUGALL, ARCHITECT

PAUL M. NORBOE
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA DEPARTMENT OF ENGINEERING

SACRAMENTO January 15th, 1918.

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

Subject: Eagle's Nest Dam.

Dear Colonel:-

Wired you this morning as follows: "Eagle's Nest Dam must not be constructed according to blueprints received." Since this message was sent, I have yours of January 9th stating that you seriously questioned whether the dam, when constructed, may hold three million gallons of water. Of course, if the dam does not, upon survey, prove to hold three million gallons of water, then you are free, so far as I know, to build any kind of a structure you choose.

Briefly, - my reason for declining to approve the design is, first, - that the shell is too frail, and that second, - adequate reinforcement is not provided for.

While the dam may be, as you state, a small and modest structure, it appears to me to be of quite sufficient proportions to warrant careful supervision in design and construction. The span of the large center arch is 70 feet and the thickness of the upper 15 or 16 feet is but one foot.

Should you desire to construct the dam according to the wish of this office, please note that it will be necessary to see that 50% additional concrete must be used in increasing the thickness of the face and that adequate reinforcing bars be properly placed.

This demand on my part will, very naturally, raise a question in your mind as to why I did not object to the thickness of the concrete in the arch section of the Lake Hodges Dam.

Answering this natural query, permit me to say that were the plans before me afresh today, I should insist upon additional thickness.

1/15/18.

Of course the advocate of the thin shell structures will state that an analysis of the plans indicates sufficient strength. This answer, however, does not fully cover the problem of a suitable structure. It is exceedingly difficult to place concrete, especially in a design such as the arch face of the Lake Hodges Dam and get No. 1 results. There is,

first, - the possibility of imperfect materials being installed, second, - and in this case, the more important, - danger of pockets of poor concrete being enclosed.

The space for the placing of concrete and of puddling is inadequate.

LAKE HODGES
To illustrate my meaning, - a piece of stripped concrete near the base of Arch 18, I think it was, revealed a weak place in the concrete, owing to a collection of the largest stones used. Upon observing this pocket, I afterward inquired of you whether it was your intention of using the cement gun with which to cover the face of the dam. You responded in the affirmative.

Assuming, of course, that you will want to impound water at the earliest possible date, permit me to suggest the wisdom of securing the cement gun equipment as soon as possible and applying a generous coat on the upper face of the dam. I would recommend a treatment of not less than 3/8" thickness.

Very truly yours,

W. F. McClure
STATE ENGINEER.
WFM:LKA

January 15, 1918.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

Your telegram received and I have instructed Mr. Ream to stop work immediately. Our engineer, Mr. Case, says that he thinks that after a personal investigation on the ground you will have no objection to the construction of the dam. He informs me that the capacity of the reservoir is 1,850,000 gallons. It certainly is not a large body of water, and there could not be much damage even if it should break, but I certainly shall be pleased to have you investigate it at the earliest possible date. In the meantime, no work is being done.

Yours very truly,

F-S

Of course the objective of the...
that an analysis of the...
This answer, however, does not...
suitable structure. It is...
cross, especially in a design...
houses and...
first - the possibility of...
second - and in this case...
the space for the...
To illustrate...
case of...
cross, owing to a...
observing...
your...
of the...

Assuming, of course, that you...
earliest possible date...
the cement gun...
one foot on the upper...
part of not less than 3/8" thickness.

Very truly yours,

STATE ENGINEER.
WIN:JKA

Mobile
Flank

The New Willard Hotel,

Washington, D.C.

February 4, 1918.

W. F. McClure Esq.,

State Engineer,

Sacramento, California.

My dear Mr. McClure,

Your kind letter of January 26 to hand and contents noted. I am glad you had a fine trip, you know how sorry I was not to be with you. There is some compensation, however, for I shall in all probability get Secretary Houston to find an appropriation of \$373,000 as Federal aid for building twenty-five miles of road between San Diego and El Centro.

Have cut through a tremendous amount of red tape and smoothed down three fights here between different conflicting interests, but I am sure to bring home the bacon.

Now regarding San Diegueto railroad. We have signed no contract. I opened bids the day that you left, and the contract has been awarded to Bett Brothers. We have adopted Eastwood's plan subject to your approval. The lowest bid we had on Jorgenson's single arch plan was over \$15,000 more than Eastwood's. I will appreciate it if you will facilitate matters as much as possible. for Mr. S..... who will present plans to you for your approval.

I have had a big fight on my hands. Have been before the Public Lands Committee of the House for three solid days, but expect to leave here early this week, arriving home about the 15th.

W. F. McClure Esq.,

page 2.

I would like a letter from you on my arrival in San Diego about the 15th telling when it will be agreeable for you to come down.

Thank you kindly for taking up with McAtte the matter of using the cement gun. This is arranged for Lake Hodges.

With kind personal regards,

Yours very truly,

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO February 18th, 1918.

C O P Y.

Honorable Cato Sells,
Commissioner Indian Affairs,
Washington, D. C.

Subject: San Luis Rey River - Warner's Ranch - Proposed Dam.

My dear Mr. Sells:-

Responding to yours of February 5th, referring especially to priorities of water users on the San Luis Rey River, San Diego County, California.

This Department has, within the last year and a half, caused exhaustive investigations of this stream to be made. During the period of investigation, I made several trips over the ground and thus afforded myself the opportunity and advantage of first hand impression, as well as securing the benefit of painstaking investigations made by a competent engineer.

These investigations were made at the request of a special committee, looking toward the use of the San Luis Rey waters for a proposed irrigation district to be composed of some 43,000 acres, more or less, situate between Oceanside and Escondido. The area proposed to be incorporated in the district will be, as you no doubt know, - with proper irrigation, one of the finest in Southern California.

Honorable Cato Sells.

-2-

2/18/19.

Should such a district be formed it would be necessary that it be irrigated, and for this purpose it would be necessary that a dam be built to impound reserve water, in Warner Valley, - and in this connection, - it would be necessary for the district to control certain rights to the water of San Luis Rey River. The reservoir site is owned and the water rights of the river are controlled, very largely, by Mr. Ed. Fletcher and his associates. The organization is known as the Volcan Land and Water Company,

An agreement has been entered into between the Volcan Land and Water Company and the Escondido Mutual Water Company whereby the rights of the last named Company are fully protected after the Warners Valley Dam may have been constructed. The studies by us have taken this agreement into account, an allowance being made when necessary, and the requirements of the proposed district provided for from the remainder.

Mr. Fletcher's statement to the effect that this Department has rendered an opinion that the building of Warner Dam will not affect the water supply of Escondido Mutual Water Company, is correct, because in our plans and computations we have made adequate provision for such company's rights. Our computed tables indicate that during but fourteen years out of thirty would it have been necessary to release any water from such a reservoir in order to meet the Escondido Company's requirements.

I understand that the Pala Indians claim a flow of six second feet. The diversion for this water is just below the Pala gauge. Above

FEB 21 1919

Honorable Cato Sells.

-3-

2/18/19.

this diversion there exists a large porous gravel area, which acts as a regulating reservoir, storing a portion of the winter flood waters and yielding, during the remainder of the year, quite a constant flow. Pauma Creek, with its drainage of twelve square miles is a perennial stream and joins the main river above the Pala diversion. This stream and the tributary drainage below the Escondido diversion will, without question, provide the required demand of the Pala Indians. Because of this fact, no special consideration was given to this small diversion in studying a safe yield from the proposed Warner reservoir.

Your Department has a contract with the Escondido Mutual Water Company whereby said Company is obligated to supply a stipulated amount of water to the Rincon Indian Reservation. The practice has been for the Escondido Mutual Water Company to stop its diversion in the summer time and for the Indians to take the entire flow of the San Luis Rey River, which in ordinary seasons amounts to about $1\frac{1}{2}$ second feet.

Warner Dam, proposed, would be about nine miles above the Escondido diversion. At a point about three miles below the dam site the stream goes dry in the summer months. It is quite improbable that the water passing the Warner dam site during the summer season is the same water as that diverted by the Indians during the summer season. This summer flow goes down stream and has a long flow and would probably not reach the point of diversion in less than two and a half or three months. Several perennial streams flowing from Palomar Mountain sustain the flow of the San Luis Rey River

Honorable Cato Sells.

-4-

2/18/19.

In the vicinity of the Escondido diversion point. We do not believe it will be necessary to release any water from the proposed reservoir in order to provide for the needs of the Rincon Indian Reservation.

You will note, therefore, that I do not entirely agree with the inference that the construction of Warner dam may have no effect upon the existing stream flow of the San Luis Rey River where it passes through the Rincon Indian Reservation. The construction of such a dam certainly will have some effect upon the stream flow at this point, but not to the detriment of the present users, and in one emphatic way such construction would be beneficial, - namely, - that of prevention of damage from floods. My studied opinion is, however, that more than sufficient water to meet the requirements or rights of the Indians will be available after such dam may have been constructed.

Because of the need of the application of water to good land, I trust that some arrangement may be made whereby such applications may be made without undue delay and without detriment to any vested interest, and - emphatically, - I would be one of the last to approve any plan which might in any way endanger the rights now held by the Indians.

Very sincerely yours,

(SIGNED) W. F. McCLURE,

STATE ENGINEER.

WFM:LKA

W. F. MCCLURE, ENGINEER
R. B. MCDOUGALL, ARCHITECT

PAUL M. NORBOE
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO June 4th, 1918.

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

Subject: Proposed San Luis Rey Irrigation District.

My dear Colonel:-

The examination of the San Luis Rey Valley and the examination for the proposed district was quite satisfactory.

Aside from some little mishaps in the matter of transportation, it was, I believe, the most satisfactory and instructive trip of the many trips I have taken during the last year in San Diego County. The Merriam Reservoir site is a good one and a complete surprise to me. Its location could not be improved upon.

It now remains to be determined whether this district will prove feasible, as judged by the mixed irrigation district law -- Irrigation District Bond Commission. My only hope hangs upon the proposed Irrigation District being able to purchase water for the district from the Power Company, in the Merriam Reservoir, *at a low figure.*

These expressions are made because of the fact that while the project is practicable and feasible from the engineering view point, the Irrigation District Bond Commission may not be able to state that bonds voted by such a district may be surety for Savings Bank deposits, school funds, etc. I will be pleased to discuss the matter with you at our earliest opportunity.

Very truly yours,

W. F. McClure
STATE ENGINEER.
WFM:LKA

C o p y

State of California
DEPARTMENT OF ENGINEERING

Sacramento June 13th, 1918

Col. Ed Fletcher,
920 Eighth Street,
San Diego, Calif.

Subject: Proposed San Luis Rey Irrigation District:

My dear Colonel:-

I would be a source of satisfaction to me to have your Consulting Engineer, Mr. H. Hawgood, make an independent study and report, which report would, of course include an estimate of the cost of the Warner Valley or Volcan dam, together with the necessary pipe and ditch lines incident to the delivery of water into the proposed Merriam reservoir; also including of course, an estimate of the cost of construction of dam for Merriam Reservoir.

With the intimate knowledge Mr. Hawgood already has of the territory to be occupied by ditch line and other improvements, together with a copy of topographic map, profile and classification of materials to be furnished him by your engineers, he would be enabled to make a close estimate of cost.

In the matter of construction of dams, please note that no dam of the multiple arch type may be constructed for an irrigation district enterprise with any water face member of less than eighteen inches in thickness, where and when such dam would be in excess of fifty feet in height.

Very truly yours,

(Signed) W. F. McClure,
State Engineer,

EFM:LKA

Original sent to Mr. Eastwood, 6/18/18

THESE PAGES
SHOULD BE
FILED

ED. FLETCHER COMPANY

PAUL M. NORBOE
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO

June 15th, 1918.

C O P Y.

WALTER LEROY HUBER

First National Bank Building,
San Francisco, June 13, 1918.

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

Subject: Proposed San Luis Rey Irrigation District.

Dear Colonel:-

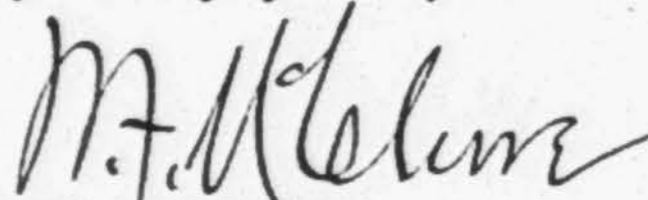
Concerning the possible area of proposed district, you may remember our discussion at our last meeting in the Stratford Inn. Previous discussions had been had with both Messrs. Huber and Faude and I expressed to both of them that with information at hand no area larger than 34,000 acres need be considered.

To place everything before you, I enclose you herewith a copy of letter just received from Mr. Huber, which you will note, contains a copy of note from Mr. Faude to Mr. Huber.

You will recall, without doubt, my statement to you that 34,000 to 35,000 acres would be the maximum to be considered under an irrigation district project.

Up to the present date no evidence has been given that a larger area may be properly served than 34,000 acres, and if you choose to order an area blocked out in greater extent than this, you may, of course, expect it to be reduced before having it passed upon favorably by the State Engineer.

Very truly yours,



STATE ENGINEER.
WFM:LKA

Mr. W. F. McClure, State Engineer,
Forum Building,
Sacramento, California.

Dear Mr. McClure:-

I am this morning in receipt of a letter from Mr. Faude reporting good progress on all of the office work connected with the San Luis Rey Irrigation District except for one paragraph of his letter which is as follows:

"Up to this time I have been unable to get anything from Colonel Fletcher regarding the area of the District except a statement that it must be at least 50,000 acres. You will probably remember that while we were at Escondido, Mr. McClure tentatively fixed the gross area at not to exceed 34,000 acres and stated that except for the possibility of pumping from the San Luis Rey River in periods of drought, that he would not approve so large an area as this. Until some definite decision is reached on this point, it will be almost impossible to do any figuring on the size of the distribution laterals required. I am of the opinion that if Mr. McClure has not already done so, it would be a good plan for him to write Col. Fletcher and thrash the matter out to some decision. You can readily understand that I can make no progress in this respect and a discussion will have to be started by either Mr. McClure or yourself."

Can you not write to Col. Fletcher again on this point? While we settled the matter with Mr. Faude, it appears that Colonel Fletcher is not at all satisfied. This was a point which you intended to take up with him the day after Mr. Hawgood and I left, but as he was in Los Angeles, you missed him. I am studying the water supply of this District at present and have before me the various reports which have at times past been made upon it. While I have fixed no answer of my own, I suspect that when I do so it will not be far from that of the Board, consisting of Post, Hawgood, Sellev and Lippincott, and which report was the basis of your tentative figure of 34,000 acres.

Very sincerely,

W. L. HUBER.

June 18, 1918.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

Answering yours of June 15th, together with copy of letter from Mr. Huber will say that this is what is going thru my mind:

You are limiting the size of the district to 34,000 or 35,000 acres, and you have expressed time and again the opinion that around \$100 an acre is the maximum bonding capacity that you would recommend. That means that the completed works cannot be sold for over \$3,500,000, and if that is the case we might just as well drop the entire project now, for that price is out of the question. From every indication, it will cost \$3,000,000 to \$3,500,000 to build the distributing system. The 6000 acres of land that will be flooded is easily worth \$100 an acre, which is \$600,000 more, and we have been for eleven years acquiring the riparian rights on the San Luis Rey River, having invested nearly \$1,500,000 in the purchase and resale of lands up and down the river, all of which means that there could be no profit whatever in the proposition at \$3,500,000, and then in addition to that we shall have to take bonds at about 90.

Mr. Faude had no authority whatsoever to make any statement pertaining to the net safe yield of water or the size of the district. I have not yet submitted to you the entire source of water supply proposed for the district. I believe you will be convinced that there is a sufficient source of water supply to take care of 50,000 acres of land when you are ready to go into this subject - and I have planned to go into it in detail with you gentlemen on this trip when the Water Commission comes down. We have spent now between \$7000 and \$8000 in making these surveys for the proposed San Luis Rey District.

I ask that you please reserve your opinion both as to water supply and possible area to be included within the proposed district until after the coming trip is completed. I intended going into this matter fully with you two weeks ago last Monday, but you will remember you left on Saturday, and you didn't have time to go into it with me the last trip when we met at Del Mar.

(rodH .m of tres yqoO)
The fact of the matter is San Diego County is at a tremendous disadvantage. I wish now, as never before, that we were two states - Southern California and Northern California. The people in the North, with few exceptions - and you are one - do not understand Southern California conditions; the necessity and high cost of bringing water 50 or 60 miles; the marvelous possibilities with a little water; and the remarkable advantage of our wonderful climate.

It is a joke - that McAtsee report - when he talks about using any water that is developed from the San Dieguito system

for alfalfa, unless it be an occasional half acre of alfalfa for a man who is making a specialty of chickens. All the water that the San Dieguito Mutual Water Co. will develop will within ten or fifteen years be either wholly domestic or semi-domestic water, but that man can't appreciate it, and it is just the attitude of McAtee and Webb and Williams that is holding back the development of this country - men who live in the North, familiar with Northern conditions, and can't appreciate Southern California conditions.

I never was so discouraged in my life as I am today. It is a crime to have a man like McAtee make a report on Southern California conditions. It should be a man familiar with Southern California - one selected by the big banking interests in Southern California.

With .8 of an acre foot of water, together with the annual rainfall, two crops - one of winter vegetables and one of beans is absolutely assured; while now, without water, these lands cannot produce a crop three years out of five. With .8 of an acre foot of water, 95% of the people of California would rather live down here in God's country, near the coast than they would with 2 1/2 acre feet of water in the San Joaquin Valley.

I have it out of my system now, and I hope you will come down and at least cheer me up a little on the next trip.

With kind personal regards,

Very sincerely yours,

F-S

(Copy sent to Mr. Huber)

W. F. McClure, Engineer,
George B. McDougall, Architect.

State of California.
DEPARTMENT OF ENGINEERING.
Sacramento.

Earle Freeman.
Secretary.

To the War Finance Corporation,

Gentlemen:

This letter is written to give you the results, to date, of investigations made by this Department of the Warner Project of Volcan Land and Water Company, San Diego County, California. I have made several personal examinations of this project in the field and have, in addition, caused studies to be made under my direction, which studies are still in progress.

The project will utilize all of the flow from the upper portion of the watershed of the San Luis Rey River together with a portion of the flow from the Santa Ysabel River. At the head of the system it is proposed to construct a dam which, by raising the flood line to a height slightly more than 100 feet above the streambed, will impound 200,000 acre feet. From the reservoir thus formed, a comparatively short canal through a region affording simple and economic construction reaches a point where with a tunnel approximately 6,500 feet long the entire flow may be dropped 1500 feet through a single penstock to a power house in Pamo Valley. A good reservoir site (Sutherland) on the upper Santa Ysabel River makes it possible to conserve the flow of that stream and it, too, can be dropped into Pamo Valley with a fall of some 900 feet, possibly through a common power house with the flow from the San Luis Rey River -- final details of these power developments have not been considered by this department. In Pamo Valley sufficient storage capacity may be made available to re-regulate the flow from the power drops to make it available as demanded for irrigation needs or domestic consumption. From Pamo Valley it is proposed to construct a conduit to San Clemente Reservoir which will serve as a distribution reservoir for the irrigation of the Linda Vista Mesa, to supply Camp Kearny or even the City of San Diego.

The system outlined above is capable of supplying 22,000,000 gallons daily from the San Luis Rey River and 10,000,000 gallons daily from the Santa Ysabel River for domestic consumption or 28,000 acre feet per annum and 12,900 acre feet per annum, respectively, for irrigation use. With 70% combined plant efficiency, 5,600 H. P. and 1,150 H. P. or a total of 6,750 H. P. may be made continuously available from the proposed power developments. In addition to the material saving of fuel oil which may thus be effected, the project is so located, geographically, as to afford a desirable addition to either of the systems which reach this part of the State from hydroelectric plants far removed. Estimates of the cost of constructing the system have not, up to date, been reviewed by this department.

7/3/18.

In calling this project to your attention, I must briefly discuss the question of water supply for San Diego and vicinity which has lately been brought to my attention through personal observations and by prominent citizens. The supply from the system now owned by the City is inadequate for the needs of the municipality and for Camp Kearny which it is now supplying and which, I understand, will soon be greatly enlarged. This situation is now an alarming one -- indeed a water famine is seriously threatened. As relief measures, negotiations are now in progress for securing some surplus waters from the system of the Cuyamaca Water Company and for pumping waters from Lake Hodges, a reservoir formed by Hodges Dam, now nearing completion on San Dieguito River. The first measure -- securing some water from the Cuyamaca Water Company's system may afford some relief during the present emergency without seriously effecting the agricultural community dependent upon this company's system. However, I must very strongly recommend against any proposal to secure water from Lake Hodges for either the City of San Diego or the cantonment. This project has been constructed under my general supervision and is, therefore, one with which I am very familiar. It is not so located as to serve such purpose without costly and unnecessary pumping and, more important, every bit of the water to be impounded is needed for the very fertile and productive agricultural region which it is to serve.

Thus, I am of the opinion that if the City of San Diego is to not have its growth limited by its available water supply, and if Camp Kearny is to have a water supply equal to any demands which may be made upon it, then the development of the system of the Volcan Land and Water Company is imperative.

The system above outlined will, if all of the waters are utilized for agricultural development, irrigate approximately 50,000 acres of very fertile lands which are now quite unproductive because of the lack of an adequate supply of water for irrigation. Practically frostless mesa lands, some of the most fertile in the United States and greater in area than can be supplied by even this water supply are available. The agricultural development will, necessarily, be reduced in proportion to the amount of the total water supply which is devoted to the higher uses of supplying Camp Kearny and the City of San Diego.

This department is also investigating the possibility of conducting the waters from the San Luis Rey River to the rich agricultural lands between Escondido and Oceanside, but because of the demand for an adequate water supply for Camp Kearny and the City of San Diego, the greater possible power development, together with great agricultural possibilities, I commend the system above outlined to you for consideration and sincerely hope that it will receive your recommendation to the War Finance Corporation. By its construction, an adequate water supply for Camp Kearny and for the City of San Diego can be assured, 6750 H. P. can be made continuously available in a region where hydroelectric power is needed and many acres of now unproductive land can be made to produce rich crops.

Very truly,
 (3) W. F. MCCLURE,
 State engineer.

W. F. MCCLURE, ENGINEER
 GEO. B. MCUGALL, ARCHITECT

PAUL M. NORBOE
 S. W. CURTIS
 ASSISTANT ENGINEERS

EARLE FREEMAN
 SECRETARY

STATE OF CALIFORNIA
 DEPARTMENT OF ENGINEERING

SACRAMENTO

July 22nd, 1918.

War Finance Corporation,
 Washington, D. C.

Subject: Volcan Land and Water Company Project - Controlled
 by Messrs. W. G. Henshaw, of San Francisco, and
 Ed. Fletcher, of San Diego, California.

Gentlemen:-

I have made several personal examinations of this project in the field and have, in addition, caused studies to be made under my direction, which studies are still in progress.

The project will utilize all of the flow from the upper portion of the watershed of the San Luis Rey River, together with a portion of the flow from the Santa Ysabel River. At the head of the system it is proposed to construct a dam which, by raising the flood line to a height slightly more than 100 feet above the stream bed, will impound 200,000 acre feet. From the reservoir thus formed, a comparatively short canal through a region affording simple and economic construction reaches a point where with a tunnel approximately 6,500 feet long the entire flow may be dropped 1500 feet through a single penstock to a power house in Pamo Valley. A good reservoir site (Sutherland) on the upper Santa Ysabel River makes it possible to conserve the flow of that stream also, and it, too, can be dropped into Pamo Valley with a fall of some 800 feet, possibly through a common power house with the flow from the San Luis Rey River --- final details of these power developments have not been considered by this department. In Pamo Valley sufficient storage capacity may be made available to re-regulate the flow from the power drops to make it available as demanded for irrigation needs or domestic consumption. From Pamo Valley it is proposed to construct a conduit to San Clemente Reservoir which will serve as a distribution reservoir for the irrigation of the Linda Vista Mesa, to supply the needs of Camp Kearny; and, or, the City of San Diego.

The system outlined above is capable of supplying 23,000,000 gallons daily from the San Luis Rey River and 10,000,000 gallons

7/22/18.

daily from The Santa Ysabel River for domestic consumption, or 28,000 acre feet per annum and 12,900 acre feet per annum, respectively, for irrigation use. With 70% combined plant efficiency, 5,600 H.P. and 1,150 H. P. or a total of 6,750 H.P. may be made continuously available from the proposed power developments. In addition to the material saving of fuel oil which may thus be effected, the project is so located, geographically, as to afford a desirable addition to either of the systems which reach this part of the State from hydroelectric plants far removed. Estimates of the cost of constructing the system have not, up to date, been reviewed by this Department.

In calling this project to your attention, I must briefly discuss the question of water supply for San Diego and vicinity which has lately been brought to my attention through personal observations and by prominent citizens. The supply from the system now owned by the City is inadequate for the needs of the municipality and for Camp Kearny which it is now supplying and which, I understand, will soon be greatly enlarged. This situation is now an alarming one -- indeed a water famine may occur. As relief measures, negotiations are now in progress for securing some surplus waters from the system of the Cuyamaca Water Company for pumping waters from Lake Hodges, a reservoir formed by Hodges Dam, now nearing completion, on San Dieguito River. The first measure, -- that of securing some additional water from the Cuyamaca Water Company's system may afford some relief during the present emergency without seriously effecting the agricultural community dependent upon this company's system, but should be of temporary nature. I very strongly recommend against any proposal to secure water from Lake Hodges for either the City of San Diego or the cantonment. This project has been constructed under my general supervision and is, therefore, one with which I am very familiar. It is not so located as to serve either cantonment or city without costly and unnecessary pumping, and more important, every bit of the water to be impounded is needed for the very fertile and productive agricultural region which it is planned to serve.

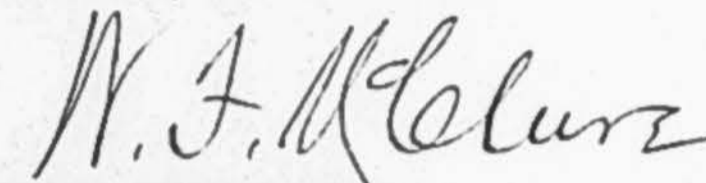
Thus, I am of the opinion that if the City of San Diego is to have sufficient available water supply, and if Camp Kearny is to have a water supply equal to demands which may be made upon it, then the development of the system of the Volcan Land and Water Company is imperative.

The system above outlined will, if all of the waters are utilized for agricultural development, irrigate approximately 50,000 acres of very fertile lands which are now quite unproductive, because of lack of an adequate supply of water for irrigation. Practically frostless mesa lands, very fertile, and greater in area than can be supplied by this water supply, are available, and should be producing. The agricultural development will, necessarily, be reduced in proportion to the amount of the total water supply which is devoted to the higher uses of supplying Camp Kearny and the City of San Diego.

7/22/18.

This Department is also investigating the possibility of conducting the waters from the San Luis Rey River to the rich agricultural lands between Escondido and Oceanside, but because of the demand for an adequate water supply for Camp Kearny and the City of San Diego, the greater possible power development, together with great agricultural possibilities, I commend the system above outlined to you for consideration. By the construction of this system, an adequate water supply for Camp Kearny and for the City of San Diego can be assured, 6750 H.P. can be made continuously available in a region where hydroelectric power is needed and many acres of now unproductive land can be made to produce rich crops.

Very truly yours,



STATE ENGINEER.
WFM:LKA

One complete copy sent to Mr.
Henshaw, San Francisco.
One copy in files. ?
Herewith, four copies and original.

bm

Address all communications to **Department of Engineering**

W. F. McCLURE, ENGINEER
GEORGE B. McDOUGALL, ARCHITECT

PAUL M. NORBOE
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO July 25th, 1918.

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

Subject: Statement from Agricultural Department.

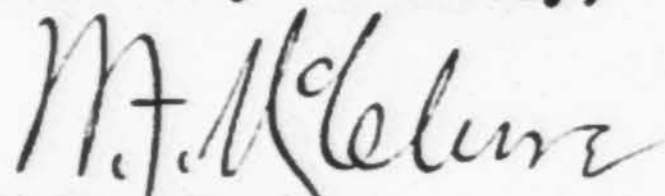
Dear Colonel:-

Am disappointed that I have not had Mr. Tait's statement before this time. Several days ago I requested the Agricultural Department at Berkeley to secure for me a copy of the unpublished soil report information, as effecting Linda Vista Mesa territory.

On Monday last, I learned that this had not yet been furnished Mr. Tait, and yesterday I called Berkeley on the telephone, and Doctor Fortier, head of the Department, stated said map would be sent, immediately, to Mr. Tait.

Trusting that you and yours are in your usual robust health and that business is moving smoothly and satisfactorily, I am

Yours very sincerely,



STATE ENGINEER.
WFM:LKA

Address all communications to **Department of Engineering**

W. F. McCLURE, ENGINEER
GEORGE B. McDOUGALL, ARCHITECT

PAUL M. NORBOE
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING
SACRAMENTO

August 2nd, 1918.

Col. Ed. Fletcher,
920 8th Street,
San Diego, California.

Subject: Proposed San Luis Rey Irrigation
District Report.

Dear Colonel:

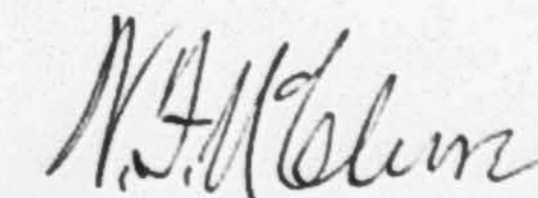
Just now in possession of your note of July 29th, enclosing copy of your letter to Mr. Huber of same date.

Permit me to commend most emphatically your wish to have the report upon the above proposed district put in good shape. The time necessary for the completion of such a report will depend very largely upon whether your engineers have things in good shape, that is, as to maps, profiles, classifications, estimates, etc.

You will before this time have received a note from Mr. Huber giving you his address in Inyo County. Of course, he has given his stenographer detailed instructions as to forwarding mail.

Concerning the trip to our capital city, could the State Engineer of California be of any assistance to you there?

Yours very truly,



STATE ENGINEER.

WFMc/P

REPORT ON THE BENEFITS TO BE DERIVED FROM THE USE OF WATER
ON LINDA VISTA MESA AND OTHER LANDS NEAR SAN DIEGO
UNDER THE PROPOSED WORKS OF THE VOLCAN LAND
AND WATER COMPANY.

By C. E. Tait.

Los Angeles, California,
August 2nd, 1918.

The purpose of this report is to show the benefits to be derived from the use of water to be supplied by the Volcan Land and Water Company for the irrigation of Linda Vista Mesa and other lands in San Diego County, California, and particularly the values that would be given the land and water.

The proposed works of the company include storage reservoirs on San Luis Rey and Santa Ysabel rivers and power plants in the mountains, below which the water released is to be recovered and conveyed to a distributing reservoir to be constructed in San Clemente Valley and so located to command by gravity the City of San Diego, the entire Linda Vista Mesa and other lands near the city and the ocean.

For the purpose of this discussion, it is assumed that the water supply is sufficient and that the proposed works are adequate to furnish the lands with a proper amount

of water for irrigation and no data on watersheds, descriptions of engineering plans or estimates of costs are here given. It is understood that works definitely decided on for construction and not including additional works that may be constructed later, will make available through the main irrigation conduit terminating in San Clemente Reservoir, 24,000 acre feet in the period of April to September, and 13,000 acre feet in the period of October to March. By proper regulation in this distributing reservoir it should be possible to deliver even a greater proportion of the total 37,000 acre feet in a six or seven months season of regular irrigation, including the summer, or to give sufficient elasticity to conform the delivery of water to the common practise in irrigating any of the crops of the region.

Linda Vista Mesa, the principal area to be irrigated is the largest body of unutilized agricultural land in San Diego County, and it contains about 30,000 acres of land of which the greater part is irrigable. The mesa slopes from the broken country along the Coast Range westward nearly to the Pacific Ocean at the rate of 100 to 25 feet per mile and the surface ranges from 600 to 300 feet above the sea.

The soils of this region are fully described by the report of the Reconnaissance Soil Survey of the San Diego Area just issued by the U. S. Bureau of Soils. The soils of Linda Vista Mesa are shown to have been formed by the weathering of old unconsolidated water-laid deposits and to be mainly

of two types, the one of greater extent, a gravelly and sandy loam, and the other occupying the southwestern portion of the mesa, a sandy loam. The surface soils are underlaid at depths of eight to thirty inches by layers of hard pan of varying thickness, and in places a layer of heavy clay intervenes between the soil and the hard pan. The hard pan, while undesirable, does not deprive the land of utility. With irrigation a great variety of garden truck and shallow rooted crops may be grown and where the hard pan is not thick, citrus fruits may be grown if the hard layer be shattered by blasting. Similar areas at Chula Vista and elsewhere near San Diego where blasting was resorted to are among the established producing lemon districts. The soils of the coast lands from Pacific Beach to La Jolla are similar to those of Linda Vista Mesa, except that there is less evidence of an impervious subsoil.

The climatic conditions for agriculture are of a high order. In this respect Linda Vista Mesa has rare qualifications for the growing of lemons, which crop is one of the most valuable that can be produced. The climate is equitable and practically frostless. The coast lands, on account of the stronger winds, are probably better adapted to truck growing than to citrus fruits. It is reasonably expected that some of the mesa lands would also be devoted to vegetables, deciduous fruits and miscellaneous crops, and that at first there would be much intercropping in young orchards, but that

ultimately lemon growing would be the industry over a large portion of the mesa.

The amount of water required for citrus orchards in San Diego County and in other districts along the southern California coast, is about one acre foot per acre per annum. The amount required for deciduous orchards is less. The amount required for truck is not so well fixed, but especially with double cropping, it is more than for citrus orchards. Under the Sweetwater Company a typical system near San Diego irrigating 4200 acres, of which about two-thirds is citrus orchard and the remainder truck and miscellaneous crops, the average duty of water is a little less than one acre foot, however, this section would be bettered with more water. One acre foot may be taken as the duty for lemon orchards on Linda Vista Mesa and the average duty for other crops is estimated at 1.5 acre feet per acre.

If the Volcan system supplies 34,000 acre feet and one half is used on lemon orchards and one half on vegetables and deciduous orchard, under the duties mentioned a total of about 27,000 acres may be irrigated.

The mesa lands are at present unused.

The average annual rainfall on the mesa is about 10 inches, which is not enough for profitable farming without irrigation, but it supplies enough moisture to the soil to support a heavy growth of oak, creosote and other native brush. The cost of preparing the land for irrigation, not including the cost of any part of the distributing system, is estimated

at \$20 to \$30 per acre, of which about \$10 per acre is for the clearing of the brush and the remainder for grading.

The lemon orchard land with water should have a value of \$500 per acre before the trees are planted. The orchards when mature should have values corresponding to other sections. Of those near San Diego the values at Lemongrove range from \$1000 to \$1500 per acre, and at Chula Vista \$1500 to \$2000 per acre. The difference of about \$500 is due mainly to a more efficient water system at Chula Vista. The values in other counties of Southern California are higher than in San Diego County. The value of lemon orchards on Linda Vista Mesa should equal that at Chula Vista for these areas are similar as to soil, climate, and distance from San Diego and the ocean. The value of truck land is normally about half that of the orchards.

The value of the water independent of the land depends on the character of the water right, the stability of the water supply, the amount of outstanding indebtedness, if any, the annual operation and maintenance charges and the value of the products to which the water may be applied. Other things being equal gravity water is more valuable than pumped water, because the rights are generally better established and the operating costs are less. The value of a miner's inch of gravity water in Southern California is from \$1500 to \$2500, and of a miner's inch of pumped water \$1000 to \$1500. Where the water rights are on the basis of one

miner's inch to 5 acres and the value is \$2500 per miner's inch, as at Riverside, the water right is worth \$500 per acre. Where the basis is one miner's inch to 7.5 acres, and the value is \$1000 per miner's inch, as at Pomona and elsewhere, the right is worth \$133 per acre. It is understood that the Volcan Company is, by the extensive purchase of riparian lands on San Luis Rey and Santa Ysabel Rivers, in control of the water rights on these streams. If then the reservoirs give an assured supply and the annual charges are reasonable, the water delivered near San Diego should have an agricultural value of \$1500 per miner's inch.

This statement is concerned chiefly with the agricultural values and no attempt is made to estimate the value of land and water for other purposes. The lands to be irrigated are mainly within 10 miles of the City of San Diego and many of them may have added values for suburban residence purposes for the section has the natural attractions of climate and scenery that are sought for improved estates. The opinion is expressed in San Diego that the city may, with wise forethought, take reasonable measures to conserve and make available the flood waters of the county for future domestic and irrigation purposes, as the City of Los Angeles has provided for the future, and water from the Volcan system may be taken by the City. The city now claims a population of 90,000 and events which are expected to contribute to its prosperity include the early opening of the railroad now

practically completed to Imperial Valley, the maintenance of the Government Aviation Field on North Island, the construction of Government ship yards and a marine training station, both now in progress, on the bay. Camp Kearny now located on Linda Vista Mesa is in need of a better water supply than it has by pumping from a distant source.

San Diego County has, owing to peculiar conditions, been more backward in agricultural development than other counties in southern California. Soon after the enactment of the first state irrigation district law, about 30 years ago, few counties had greater activity in the organization of irrigation districts. The districts were in the main ill timed and mismanaged speculative schemes, under a law not without defects and there could be no other outcome than failure. For years bonded indebtedness stood against many lands with depressing effect. The time came, however, when it required no effort to obtain settlement of lands in any part of southern California, with plenty of water at reasonable cost. But to extensively utilize the water resources of San Diego County requires more capital than in the other sections. In this county the precipitation is more erratic and the streams are subject to more variation from year to year and to greater difference between winter and summer flow. The enterprises must then depend largely on storage and be of some magnitude. The underground water areas are also of less extent than in counties to the north, and the opportunities

for pumping by individual and small community effort have been less. In view of the need of storage of flood waters the county is fortunate in having a large number of storage sites which, owing to the broken and complex character of the topography, are found on every large stream. With the demand for irrigated lands which has now obtained for some years, with a market for the power that may be developed in conjunction with irrigation systems safeguarded by storage, and with capital, San Diego County should now make substantial progress in irrigation development.

C. E. TAIT.
Senior Irrigation Engineer.

UNITED STATES DEPARTMENT OF AGRICULTURE

Office of Public Roads and Rural
Engineering.

Los Angeles, Aug. 5, 1918.

Dr. Samuel Fortier,
Berkeley, Calif.

Dear Dr. Fortier:

I have mailed you a report on the benefits of irrigation under the Volcan project at San Diego.

Perhaps you will find it too long and if so I trust you will eliminate any unessential matters. I intended to write more briefly giving exact figures on areas of land but found confusing data, so wrote in more general terms and it was not easy to give what seemed to be needed in less space. Rather than to hold it to be worked over for a second writing I have sent it on.

For example, Col. Fletcher in San Diego said they would irrigate about 50,000 acres of which approximately 44,000 would be on Linda Vista Mesa, but the map shows this mesa to contain only about 30,000 acres, all of which is not irrigable and Mr. Hawgood, the engineer in Los Angeles, says they will deliver 34,000 acre feet from the proposed reservoirs which could hardly supply as much land as Col. Fletcher has in mind. Until these matters are reconciled I thought best to avoid giving any exact figures on land areas.

I do not know how this report is to be handled but

-2-

would suggest that if it does not in its regular course go to Mr. McClure that a copy be sent to him. If the report is modified to great extent I would be pleased to have a copy.

Yours truly,

C. E. TAIT.

San Diego, Calif.
August 14, 1918

Mr. W. P. McClure,
State Engineer,
Sacramento, California.

My dear Mr. McClure:

Referring to the revised report made by Mr. Huber:
I find that the total value of our present system on the con-
tract, is as follows:

Lands	\$376,950.00
Lake Hodges	333,826.00
San Dieguito Reservoir	46,750.00
Carroll Conduit	111,415.00
Lockwood Mesa Line	121,991.00
Water Rights	785,000.00
Interest during construction Approximately	15,000.00
Total	<u>1,890,000.00</u>
(Approximately)	

This valuation made by Mr. Huber, I assume you have never approved, for you wrote me on August 6th that it appeared to you you must arbitrarily reduce Lake Hodges valuations for reservoir lands \$100.00 per acre, making \$119,000; San Elijo, \$100.00, or \$26,200.; San Dieguito Dam, \$3000; a total reduction of \$148,200. Leaving a total valuation on our present system of \$1,732,000, approximately.

I am fearful that the valuation is being cut down to a point where it will not be attractive to our people to go ahead with the sale of the system to the District. There is not a reasonable margin of profit consistent with the risks that we have taken. We are satisfied with the valuation placed upon our property by Mr. Huber and would be willing to take bonds approved by the Commission at par, based on Mr. Huber's estimate, but when that valuation is reduced \$150,000. I am quite certain it will not be attractive to our people and for the following reasons:

First: The system is going to cost us in cash \$50,000. or \$60,000. more than the valuation placed on it by Mr. Huber.

Second: It is a further fact that should not be lost

sight of, that the contractors will lose in cash \$40,000. or \$50,000. on his contract, as well as a reasonable profit to which any contractor is entitled.

Third: We are assuming that the valuation of the system is being made as of this date, and prices of material and labor are 25% higher than they were at the time this contract was let. As an instance, cement has gone up 80 ¢ per barrel with no prospect of its being reduced for years to come. This increase in cost of cement was authorized by the United States Government officials after four months investigation of the cost of manufacture of cement by the cement manufacturers of California.

Either the cost of construction of the San Dieguito System should be materially increased over Mr. Huber's valuation, or it would appear that the Company is being penalized for having the energy and nerve to build a water system so vitally needed at this time.

Attention should be called to the fact that a very large loss of interest will accrue owing to the fact that even if the system was sold to the District, we would be able to consummate the deal not earlier than April, 1919. The Appellate Court has set September 23rd, 1918 as the date to hear the case as to the validity of the present Cardiff District. No decision can be expected within thirty days from the date of hearing, and if the decision is favorable it will take sixty days to enlarge the boundaries of the Cardiff Irrigation District. Mr. J. Frank Cullen informs me today that if the District is formed it is desired to call an election for the issuance of bonds to purchase our system, and it will be necessary to acquire the signatures of 51% of the property owners within the District: that it will take over three months to secure the requisite number of signatures, and at an expense of \$4000. or \$5000.. We have already spent \$4600. in our negotiations with the District, so that there is a matter of \$9000. or \$10000., and also the matter of interest on our total investment up to the time of transfer to the District, which means an item of not less than \$65,000. to \$75,000. This should all be taken into consideration, even if everything goes favorably.

We have made diligent effort to determine the market value of the bonds of the District, approved by the Commission, and up to the present, 92½ is the best price we have been assured. This means an additional loss in value when our system is transferred, of fully \$100,000. to \$150,000., as nearly as we can estimate at present.

I have been willing to recommend to my associates that they assume the responsibility of building a distributing system to Del Mar, and a pumping plant, also distributing system to Carlsbad, with the danger of loss, and accept in payment bonds of the District at par, based on the valuation placed on said expense by Mr. Huber. These valuations I understand, are based to a large extent on our contract costs for the present distributing system under contract. There is an element of danger in assuming this further responsibility, and a possibility of material loss in the completion of this extension. This might be the deciding factor which would cause my associates to refuse to enter into a contract to sell to the District. We would very much prefer to sell our present system to the District and let them dispose of their own bonds and do their own construction of the proposed extension to Del Mar and Carlsbad.

There is a material advantage which the District will probably have, and that is this: It will be impossible to consummate the sale of the San Dieguito System to the District before April 1st, 1919. By that time, with a normal rainfall, Lake Hodges Dam should be practically full of water which, in itself is a great asset to the District.

My understanding is that Mr. Huber has not allowed anything for the telephone line which we have built at a cost in excess of \$2000., and we will make three more extensions within the next sixty days; one to San Dieguito Dam and one to the end of our present distributing line, and another to the cottage which we will build at the dam. These extensions will cost at least \$1000. more. We will also, within sixty days, build a road from Escondido county road to Lake Hodges Dam, also from Lake Hodges Dam to San Dieguito Dam. The minimum cost as estimated by our engineer for this piece of road as County Highway, is in excess of \$30,000, but we shall spend at least \$8000. to \$10000. in putting this road into condition for travel.

Referring again to your letter of August 6th, wherein you say that valuations for reservoir purposes are, in your opinion, too high: I have asked Mr. Faude to prepare a statement touching on that subject, giving his view point, simply for your information.

Our case is all in. I have simply attempted to furnish you the facts as we see them. As stated before, we are willing to accept Mr. Huber's valuation and take bonds of the District at par in payment therefor. This letter is written, and the information furnished, in an effort to show you that it seems an injustice to the San Dieguito Mutual Water Company to reduce the valuation of our system as evidenced by your letter of August 6th.

We hope under all the circumstances that you will accept the valuation as placed on our property by Mr. Huber, and that the Bonding Commission will also accept that valuation. I urge that you get an early decision from the Bonding Commission, so that we may know one way or the other, as soon as possible, whether the system will be sold to the District or not.

In closing I want to urge upon you this fact: That this is the only source of water supply for that beautiful section of our coast, Oceanside to Del Mar: that it is the cheapest water supply ever developed in San Diego County: that this land is destined to be a residential section and a suburban home section as good as any in Southern California, while now, this water development will make it one of the richest agricultural sections in the United States for the reason that the land is as nearly frostless as any in the United States, and two crops at least of the highest class and value of agricultural products can be raised annually.

You know that I am more than anxious to see this system sold to the District and will go the limit to see this deal consummated, as I am positive there is no other available source of gravity supply for that coast land. The one danger is that my associates will accept the offer to furnish water to Camp Kearny and the City of San Diego, which will take all our surplus water. Please bear in mind that nearly 60% of the lands and value thereof within this District are owned by William G. Kerckhoff, the Santa Fe Railroad Company, Harry Payne Whitney, William G. Henshaw and myself. And to my knowledge today, there will not be one dissenting vote in the formation of this District and at the valuation placed on the property by Mr. Huber, if you and the Bonding Commission decide to approve same.

Regardless of which way things end, I want to thank you sincerely for your patience and your interest in this matter. You have certainly done your duty as a State Officer in your efforts to protect the citizens of the State in this development, and I can truthfully say also, that you have been eminently fair to all parties in interest.

Very sincerely yours,

EF/bm
cc WJH
xx

C o p y

Sacramento, Calif.
August 29, 1918

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

Dear Colonel:

1st.-- Just in possession of your telegram this morning stating you will be in San Francisco Saturday morning.

2nd: Enclosed herewith please find copy of statement furnished the Irrigation District Bond Commission. You will, I assume, understand that much of this is only suggestive to the other members of the Commission. It seemed to me necessary that I take rather an advanced and positive position in connection with this proposed larger Cardiff Irrigation District.

The report was in type before I received your note calling my attention to the necessity of the expenditure of \$2500, more or less, for drainage purposes in order to protect pipe and conduit. In my judgment, matters of that character would be better cared for without special mention in any report to the members of the Commission. If the district is formed it can be cared for under the direction of the Directors.

3rd.-- I have prepared an outline of a letter to Mr. Cullen, but have not mailed it. I send you a copy herewith for your perusal and if you have any suggestions to make, please make memorandum and let me hear from you.

Very truly yours,

(Signed) W. F. McClure,

State Engineer,

WFM:LKA

C o p y

Sacramento, Calif.
August 29, 1918

Honorable W. R. Williams, Member
Irrigation District Bond Commission,
Postal Telegraph Building,
San Francisco, California.

Subject: Irrigation District - San Diego County.

My dear Mr. Williams:

In connection with our studies of the possibility of a large irrigation district extending from Escondido to Oceanside; and

With the idea in mind that the Linda Vista Mesa, situate between Del Mar and San Diego might possibly better be served with water than a portion of other territory further north;-- in discussion with Mr. F. H. Fowler, District Engineer, United States Forest Service, he suggested that a report from Senior Irrigation Engineer United States Department of Agriculture, - C. E. Tait, of Los Angeles, would probably be of considerable value. Acting on that suggestion, I requested Mr. Tait to examine the territory in question: He has done so and a copy of his report is enclosed herewith.

Mr. Tait's intimate acquaintance with the territory in question extends back over a period of some eighteen or twenty years. He is an authority on land and water values.

It is my judgment that the figure of \$1500 per miner's inch mentioned by Mr. Tait on Page 6 of this report, is a minimum value of a reasonable supply of water in any part of San Diego County. This value we are certainly safe in attaching to the water proposed to be delivered upon the larger Cardiff Irrigation District.

Referring to Mr. McAtee's reports on Cardiff Irrigation District, over date of February 12th, 1918, and using it as a basis for comparison of values, it is my judgment that his acreage values are just about as much too low as those originally furnished him by Colonel Fletcher and Mr. Tolle are too high.

I suggest that instead of the tabulation on page 13 of Mr. McAtee's report, indicating values per acre, the following more accurately represents present values:

2400 acres	@ \$400.	\$960,000.00
50 "	300	15,000.00
1000 "	200	200,000.00
2400 "	150	360,000.00
4350 "	100	435,000.00
2700 "	75	202,500.00
8200 "	50	410,000.00
3300 "	25	82,500.00
600 "	00	00.00
Total 25000 "	about,	\$2,005,000.00

Copy

The first item, 2400 acres, are included in subdivisions, Del Mar Cardiff, Encinitas, and Carlsbad.

Agreeable to our established policy, subdivision values, as such, may not be considered. However, in this particular territory it is my judgment that some added value does attach to some of these subdivisions, and

I list these 2400 acres at about the same value as has been given to one of the average lots in one of these subdivisions, say \$400.

Such a tabulation as this, however, and any argument based upon it are not so pertinent and appropriate as they were in January last, for with the impounding and distribution systems so nearly complete, we are now safe in estimating the values on the basis of irrigated lands.

Lands in the district whether above listed as worth \$25 per acre or as worth \$100 an acre, will, with water available, have an added value of from \$150 to \$200 per acre.

Lake Hodges Dam and San Dieguito Dam are 93% complete, and the conduit to the center of the district is 95% complete.

In a statement prepared by Mr. McAtee as of date July 1st, 1918, touching Little Rock and Palmdale Irrigation Districts, I note,-- (see pages 9, 12 and 14) that it is recommended we are safe in taking a value of \$100 an acre for unimproved land in the Little Rock District, and of \$125 an acre for unimproved land in the Palmdale Irrigation District. In both cases contingent, of course, upon our being shown that an adequate supply of water may be secured.

This mode of reasoning appeals to me as sound. Comparing present values of land in northern Los Angeles County in the two districts, just named, with values in northern San Diego County, in the proposed Cardiff Irrigation District, I am of the opinion that the unimproved San Diego County lands have a value of at least \$50 per acre in excess of those in Los Angeles County, San Diego County lands within the proposed territory adjacent to the ocean, under intelligent cultivation, will, without irrigation yield returns warranting a value of \$100 or more per acre. Los Angeles County lands would not do so well.

I am of the opinion, therefore, that using the same line of argument,-- namely,-- that with a supply of water available for the proposed larger Cardiff Irrigation District, the values attaching to those lands will, on the whole, be in excess of \$150. per acre.

For detailed description see revised report of Mr. W. L. Huber.

Very truly yours,

STATE ENGINEER
WFM:LKA

A like letter was sent to Attorney General Webb.

VALUE OF IRRIGATION SYSTEM.

August 28, 1918

Item No.	Estimated cost of value
<u>San Dieguito Mutual Water Company</u>	
1. Lands - - - - -	\$376,950.00
2. Lake Hodges - - - - -	354,336.50
3. San Dieguito Reservoir - - - - -	46,750.00
4. Carroll Conduit - - - - -	126,214.00
5. Lockwood Mesa Line - - - - -	127,334.00
6. Extension Lockwood Mesa to Del Mar - - - - -	33,740.00
7. Coast Line to Carlsbad - - - - -	529,538.00
8. Telephone Line - - - - -	2,325.00
9. Interest during Construction - - - - -	19,844.00
10. Water Rights - - - - -	785,000.00
	\$2,402,031.50
<u>Oceanside Mutual Water Company.</u>	
11. Lands - - - - -	32,000.00
12. Present value physical property - - - - -	94,715.00
13. Water Rights - - - - -	82,000.00
	208,715.00
<u>Del Mar Water Company.</u>	
14. Lands - - - - -	800.00
15. Present value physical property - - - - -	32,425.00
16. Term lease of pumping rights not included)	000.00
	37,225.00
Total value of system to be acquired or constructed by Cardiff Irrigation District	
	\$2,647,991.50

(a) Supply of water available for the project is sufficient to irrigate a net area of 16,000 acres each year. The district may secure the right to use of said supply.

(b) The soil of the territory is fertile and susceptible of irrigation and the supply of water available is sufficient to cause the lands to produce remunerative crops. No drainage is now needed and should conditions arise in the future demanding drainage, it may be easily and cheaply accomplished.

(c) The irrigation system as proposed is feasible and may be acquired for the proposed bond issue of \$3,250,000.00.

(d) The value of water, water rights, impounding works, reservoirs and distributing system to be acquired by the District is \$2,647,991.50.

(e) The reasonable market value of the lands included within the boundaries of the district is in excess of \$3,000,000.00.

(Query: Will not an issue of three and one-eighth million suffice for the present?)

MONEY MEMO

Lands - - - - -	\$3,000,000.00
System proposed to purchase - - -	2,648,000.00
Total - - - - -	5,648,000.00
60% - - - - -	3,388,800.00
Proposed Bond issue - - - - -	3,125,000.00
Margin under 60% - - - - -	263,800.00
Assume discount of 6% - - - - -	156,200.00
Net Funds - - - - -	2,968,800.00
Excess of total estimated cost	<u>320,800.00</u>

This excess should be available, for the San Elijo Dam, Reservoir and pipe line with attendant rights and other items should be provided for and would cost, now, \$300,000 or more. The reservoir site should be purchased immediately and the dam and pipe line may be needed in six or eight years.

CUYAMACA WATER COMPANY

SUCCESSORS TO

THE SAN DIEGO PLUMB COMPANY

OFFICE: FLETCHER BUILDING

916 EIGHTH STREET, BETWEEN BROADWAY AND E

P. O. BOX 1412

ED FLETCHER, MANAGER
F. M. FAUDE, ASST. MANAGER
LOU B. MATHEWS, SECRETARY
C. HARRITT, SUPERINTENDENT

SAN DIEGO, CALIFORNIA, September 30, 1918

Col. Ed Fletcher,
Manager Cuyamaca Water Co.

Dear Sir:-

At the request of Mr. Faude, I have, during the past ten days, made a careful study of the amount of water which the Cuyamaca Water Company's system may be expected to deliver continuously, assuming that the storage capacity of the System, as it exists today, is increased by the construction of a dam 150 feet high near the site of the present diverting dam on the San Diego River.

I consider the results of this investigation to be of more value than any previously submitted because:

Records of hydrographic experiments and measurements (rainfall, runoff and evaporation) covering longer periods are now available, and show deviations from standards formerly used.

In previous studies the supply to consumers on the flume was safeguarded by holding water in storage at Cuyamaca. In the present calculation, the same object has been attained, and a more efficient operation of the whole system secured by giving preference to storage at Fletcher Lake in periods of low runoff and high evaporation.

A large number of tables, diagrams, and calculations have been made, the results of which are contained in the following:

SUMMARY OF STUDY OF SAFE YIELD OF CUYAMACA WATER SYSTEM.

Assumptions

Cuyamaca Reservoir - as it exists - capacity 11,595 ac. ft.
 Murray Reservoir - as it exists - capacity 6,750 ac. ft.
 Fletcher Lake - proposed at present diverting damsite, capacity 17,106 ac. ft.
 Main flume and ditch - as it exists - capacity 31 sec. ft.
 South Fork feeder flume - as it exists - capacity 18 sec. ft.

Method

Detailed Mass Curve study covering a period of 24 years, each divided into two seasons. Basic data of runoff, rainfall and evaporation determined from several years careful measurements and experiments.

Conclusions

Net safe yield of System for combined irrigation and domestic use as at present,
 7,000 ac. ft. per year or 6,250,000 gallons per day.
 Yield cut to three-quarter supply for 18 months in dryest period.
 Pumping from river gravels necessary in the three dryest years, a total of less than 6,000 acre feet being pumped.
 Also there could be delivered at the end of the system, in addition to the above yield a total of 47,331 acre feet of winter or flood water, in the 24 years.

This flood water, is water possible of transmission in the flume, above the consumption requirements, when the two lower reservoirs are full. This water would otherwise be wasted into the San Diego River.

D.A. McClung,
 Assistant Engineer,
 Cuyamaca Water Company.

DAM: BK

(See Supplement - next page)

(Supplement to letter of Sept. 30, 1918)

DELIVERY OF WATER BY CUYAMACA SYSTEM

In gallons per year.

Year	: Delivered to consumers except City of San Diego	: Total delivered including flood waters to City of San Diego	: Including flood waters Est. yield with Diverting Dam built 150' high	: Gain over actual totals delivered	: Gain over actual delivery - not including flood waters
1915	: 1,106,074,624	: 1,480,674,250	: 4,430,000,000	: 199%	: 106%
1916	: 1,197,540,438	: 1,708,049,050	: 4,200,000,000	: 146%	: 90%
1917	: 965,555,525	: 965,555,525	: 3,580,000,000	: 271%	: 136%

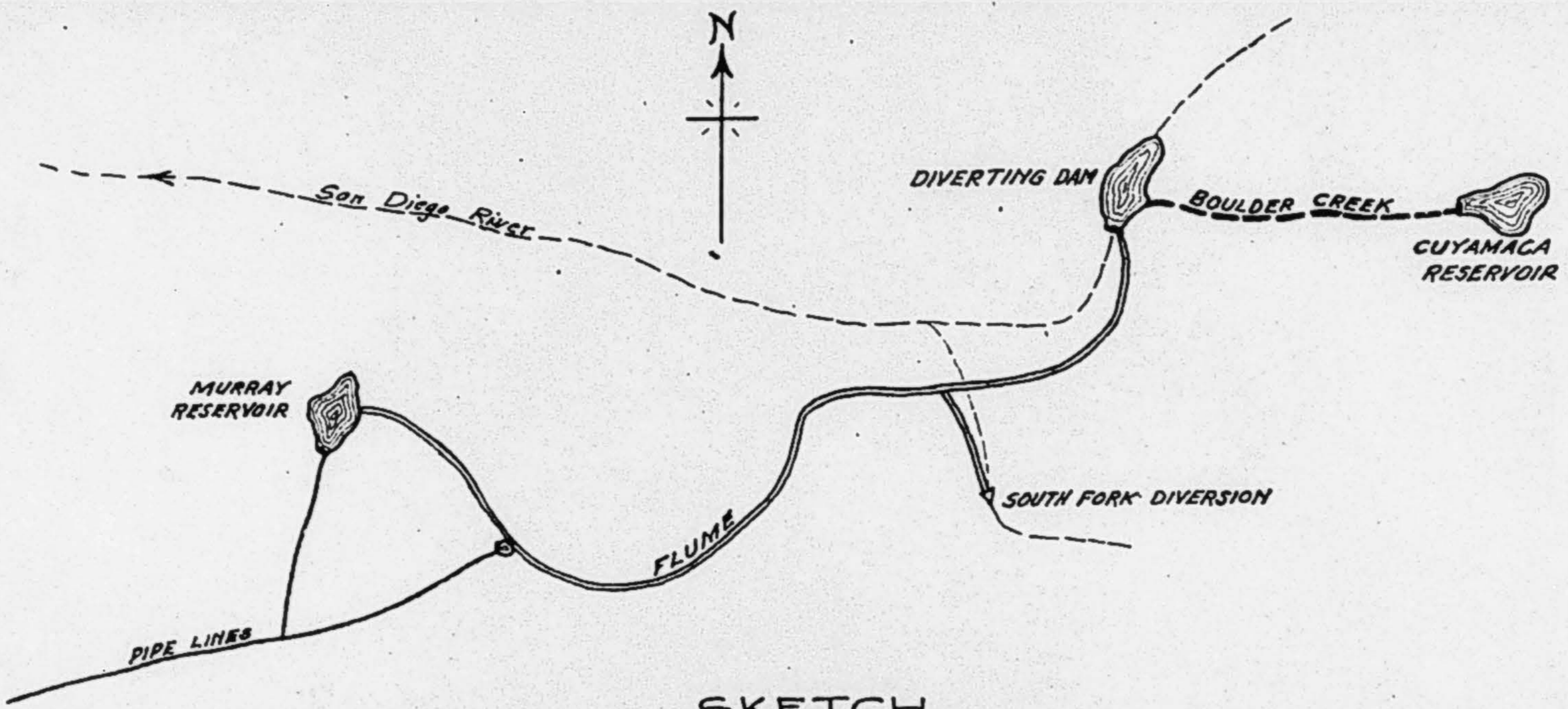
Railroad Commission decision January 1917 places safe yield of system with new Murray Dam built, at 5,482 acre feet or 1,786,000,000 gallons per year.

Safe Yield study September 1918, considering Diverting Dam built 150 feet high, shows safe yield of system to be 7,000 acre feet or 2,280,960,010 gallons per year, a gain of 28% on the Railroad Commission estimate. This does not include possible flood water diversion.

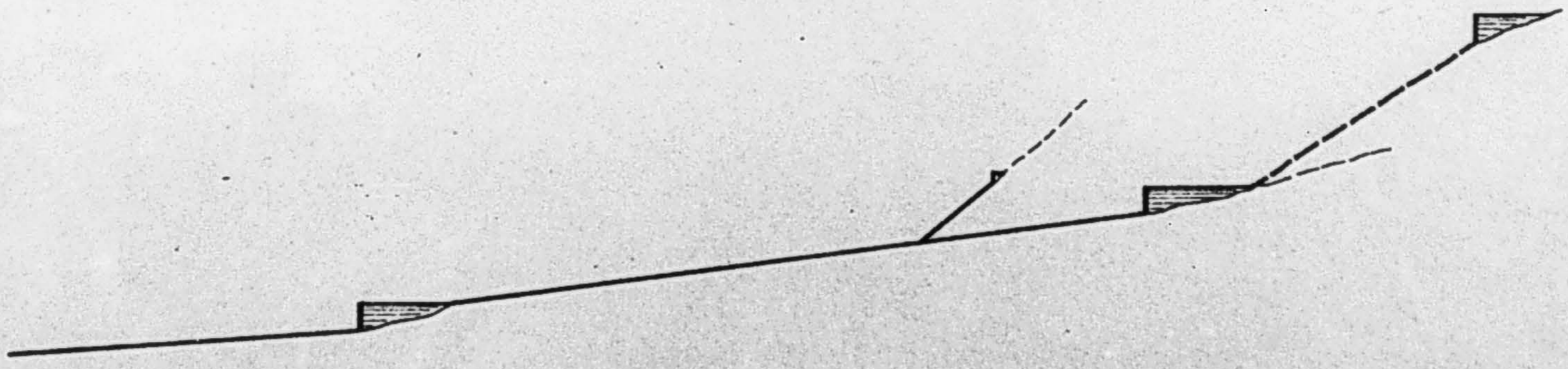
EFFECT OF IMPROVEMENTS TO SYSTEM - NOT INCLUDING FLOOD WATERS DELIVERED TO CITY OF SAN DIEGO

Greatest amount delivered by system in one year (New Murray dam not built)	1,197,540,438 gals.
Railroad Commission estimate of safe yield (New Murray Dam not built)	1,397,000,000 "
Railroad Commission estimate of safe yield (with New Murray dam built)	1,786,000,000 "
Estimated safe yield (with Diverting dam built to 150 ft.)	2,280,960,010 "

D.A.M.10-1-18



SKETCH
 PLAN AND PROFILE
 CUYAMACA WATER SYSTEM
 SAN DIEGO COUNTY



W. F. MCCLURE, ENGINEER
GEORGE B. MCDUGALL, ARCHITECT

PAUL M. NORBOE
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING
SACRAMENTO October 19, 1918.

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING
SACRAMENTO

November 4th, 1918

C o p y

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

Subject: Statement of Amounts Due Walter L. Huber for
Services Rendered.

My dear Colonel:

- First, Proposed San Luis Rey Irrigation District.
- Second, Valuation of Cuyamaca Water Company's Property.
- Third, Proposed Enlargement Cardiff Irrigation District.

These have received my approval and you will, of course,
care for them in your usual prompt manner.

Very sincerely yours,

W. F. McClure
STATE ENGINEER
WFM:K

Colonel Ed Fletcher,
920 8th Street,
San Diego, California.

Subject: San Luis Rey Irrigation Project:

Dear Sir:-

Agreeable to verbal request made by yourself to me some months ago, I had an exhaustive examination made of the properties of the Volcan Land and Water Company, by Mr. Walter L. Huber of San Francisco, with the possible plan in view of organizing an irrigation district to be called "San Luis Rey Irrigation District." Copies of this report are herewith submitted to you, dated November 4th, 1918.

The report is approved by myself as to values and suggested mode of procedure, and forms a part of the records of this office.

Very truly yours,

W. F. McClure,
State Engineer,

WFM:LKA

Not yours to do and die, perhaps, Buy W.S.S.
But yours to go and buy—Sure!

Help our government by helping yourself—Buy W.S.S. and Bonds

OCT 21 1918

If you can't be the man behind the gun
Be the man behind the man behind the gun—Buy W.S.S.

W. F. MCCLURE, ENGINEER
GEORGE B. MCDUGALL, ARCHITECT

PAUL M. NORRIS
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO November 19, 1918.

SR 6

Colonel Ed. Fletcher,
920 - 8th Street,
San Diego, California.

Dear Colonel:

Enclosed herewith please find note from F. L. Richardson,
together with a copy of my reply. Will you kindly
return Mr. Richardson's note together with any comments
you may care to make, and oblige,

Yours very truly,

W. F. McClure
STATE ENGINEER
WFM:K

C o p y

San Diego, Calif.
November 15, 1918

W. F. McClure,
Engrs State Water Dept.,
640 Call Bldg.,
San Francisco, Calif.

Dear Sir:

Some time ago I received a letter from you in
which you informed me that you would soon be ready to
report on the Volcan San Luis Rey water project between
Oceanside and Escondido. I wish you would let me know
if you have made your report, and if so, what would be the
cost of a copy of it; and if not, when you expect it will be
made.

Awaiting your early reply, I beg to remain

Yours truly,

E. L. Richardson,

R/A

Help our government by helping yourself—Buy W.S.S. and Bonds

Not yours to do and die, perhaps,
But yours to go and buy—Sure!
Buy W.S.S.

NOV 21 1918

If you can't be the man behind the gun
Be the man behind the man behind the gun—Buy W.S.S.

November 19, 1918.

S L R

Mr. F. L. Richardson,
American Building,
San Diego, California.

Dear Sir:-

Responding to yours of November 15th, making inquiry relative to the report in preparation for a suggested San Luis Rey Irrigation District.

Beg to state that our report is still in process of preparation but will be made to the Special Committee requesting such report. I assume that you will have no difficulty in getting a copy of same from some one of them.

Very truly yours,

STATE ENGINEER
WFM:K

CC-Colonel Fletcher ✓

November 21, 1918.

S L R

Mr. Homer Hamlin,
Central Building,
Los Angeles, Cal.

Dear Sir:

Answering yours of November 11th, will say that the population of San Diego today is approximately 100,000, with 12,000 or 15,000 just outside the city limits. This does not include 40,000 or 50,000 government troops in the city and at Linda Vista, which will be made a permanent camp. Escondido inside and out has a population of about 3,000 people; Oceanside and vicinity 1,000.

Referring to the Warners project: the first plan for taking water from that stream was originated by U. S. Grant, Jr., Judge George Puterbaugh, and George Mac Rae. The proposed dam was at the present gauging station about one mile below the present dam site, and considerable excavation was done at that point. Altogether about \$50,000 was invested in the project; the plan was to bring water to the city of San Diego.

The next plan of development was in 1903 by H. E. Huntington of the Pacific Light & Power Company. It was planned to build the Pacific electric railroad to San Diego; build Warners Dam; transmit the water by conduit down the valley to Rincon Valley, developing 4,000 or 5,000 HP of electricity. Mr. Frank Salmons and I acquired a number of riparian lands along the San Luis Rey River for Mr. Huntington, and it was at that time that I acquired for them seven or eight miles of coast lands, the idea being to take this water to the coast after the power had been developed. Warners damsite and Warners ranch were also purchased by the Pacific Light & Power Company at that time. But, shortly after Mr. Harriman purchased the stock of the Pacific electric, owned by Mr. Marco Hellman and Gen. Sherman, and my understanding is that Mr. Harriman was opposed to the San Diego extension of the Pacific electric,

NOV 21 1918

HH-2

therefore the entire project was dropped. Mr. H. W. Keller and I then sold Warners damsite, and ranch together with all riparian rights acquired by the Pacific Light & Power Company to Wm. G. Henshaw, who still owns the property as well as practically all the riparian rights for over 50 miles along the San Luis Rey River to the ocean which I have since acquired for Mr. Henshaw. It has meant the purchase of several hundred ranches costing many hundred thousand dollars and many years' hard work as well.

Referring to the land owners in the irrigable area as to their attitude, will say that probably 12 or 15,000 acres of the acreage within the district have already expressed a desire, in writing, to see the district formed.

The other questions that you have asked will be answered in Mr. Huber's report, which will be out in a few days.

You may be interested to know that we have been offered, at the switch board, $6\frac{1}{2}$ mills on a 99 year contract for all the power that can be generated.

Yours very truly,

F-K

San Diego, Calif.
Nov. 22, 1918

Mr. W. F. McClure,
Sacramento, Calif.

My dear Mr. McClure:

Answering yours of the 19th, will say Mr. F. L. Richardson is attorney for the City of Oceanside.

I return herewith his letter.

Yours very truly,

EF/bm
encl

W. F. McCLURE, ENGINEER
GEORGE DOUGALL, ARCHITECT

PAUL M. NORBOX
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO

December 23rd., 1918.

Colonel Ed Fletcher,
#920 8th. Street,
San Diego, California.

Subject: Synopsis-Proposed San Luis Rey Irrigation District.

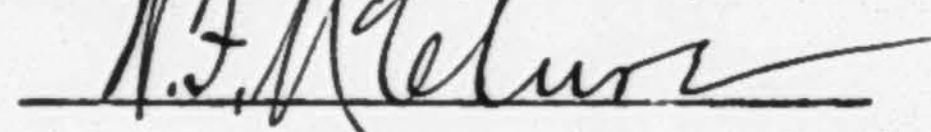
Dear Sir:-

First: Thank you for your note of December 20th., enclosing four copies of a synopsis of our proposed San Luis Rey Irrigation District Report, summarized by Mr. Spencer.

Second: Mrs. McClure joins me in grateful and appreciative thanks account package of olives just received, with your Christmas compliments.

May you and yours have a delightful Christmas Season.

Very gratefully yours,



-State Engineer-

WFM/HB

Not yours to do and die, perhaps, But yours to go and buy—Sure! Buy W.S.S.

San Diego, Calif.
Jan. 21, 1919

C 2600

Mr. W. F. McClure,
State Engineer,
Sacramento, California.

My dear Mr. McClure:

Enclosed find copy of resolution passed secretly by the City Council. What is your opinion of it?

Yours very truly,

EF/bm
encl

COUNCIL RESOLUTION # 23919

RESOLUTION declaring the intention of the City of San Diego in the matter of the development of the unappropriated waters of the San Diego River as provided for in proposed Congressional act, commonly known as El Capitan Reservoir Project.

WHEREAS: present demands demonstrate inadequacy of present City system, and

WHEREAS; The only source excluding Volcan System is the San Diego River, and

WHEREAS: during the past twenty years 84% of San Diego River water has gone to waste, and

WHEREAS: property damage be avoided and bottom lands reclaimed, the San Diego River water be impounded, The City through Congress and Interior Department sought to acquire reservoir rights upon which to construct dam and reservoir, and

WHEREAS: The El Capitan Bill has received recommendation of Land Office at Los Angeles, and the Bill introduced and now pending before the 8th Congress having received support of Indian Office, favorable recommendation of the Secretary of the Interior, and has been favorably reported for adoption by Congress by the land Committees of Senate and House, and

WHEREAS: The El Capitan project has from the beginning been opposed and protested by a privately owned water company claiming title to undeveloped waters in San Diego River, and

WHEREAS: The City of La Mesa, a community of 1300 inhabitants furnished water by said private water Company has filed with the Land Committees of Congress and with the Common Council a Resolution of protest against said El Capitan project, and

WHEREAS: Said Resolution petitions the City of San Diego to abandon the development of the San Diego River and look elsewhere for a water supply and further recommends that future water development for San Diego be left to private capital, and

WHEREAS: said resolution of the city of La Mesa intimates that the Common Council of San Diego is opposed to any develop-

ment of the San Diego River by private capital for prospective use of water at La Mesa or adjoining communities and that said Common Council is not in harmony with the policy of water development suggested by the City Attorney of said City of San Diego to the Land Committees of the Senate and House of Representatives, and

WHEREAS: This Common Council is desirous that its intentions and plans be manifest to the end that members of Congress voting upon said El Capitan Bill (Bill S. 3646 and Bill HR 10587) be fully informed in the premises and that the citizens of this and adjacent communities be aware of the plans of this municipality in the matters of the development of waters of the San Diego River, now therefore,

BE IT RESOLVED by the Common Council of San Diego as follows:

First, that existing conditions demand the acquirement by the City of San Diego of an additional water supply.

Second, That the most available and advisable supply is the San Diego River.

Third, That the undeveloped waters of the San Diego River would if impounded prove entirely adequate to meet all present and reasonable future demands of the City of San Diego and of neighboring communities adjacent to San Diego River water shed.

Fourth, That the catchment of the entire flow of the San Diego River and the development of the San Diego River watershed is a matter of paramount importance to the City of San Diego and adjacent communities.

Fifth, That it is the desire of this Common Council to secure the passage of the El Capitan Bills (Bill S. 3646 and Bill H.R. 10587) to the end that the voters of this municipality may be afforded an opportunity of manifesting their desires at an election held for that purpose in the matter of the place and extent of future water development.

Sixth, That this Common Council intends to pursue its desires in this connection despite the protest of any private water company or suburban community receiving water from such

private company.

Seventh, That it is the desire of this Common Council to see all of the water of the San Diego River put to beneficial use and the needs of the City of La Mesa as well as many other suburban communities adjacent to the city of San Diego amply provided for.

Eighth, That this Common Council will in no manner impede any bona fide water development work upon the San Diego River but on the contrary will be greatly pleased to see actual construction work of large dams upon the San Diego River or its tributaries.

Ninth, That this Common Council has not and has no intention of interfering with appropriations of water from the San Diego River heretofore made.

Tenth, That this Common Council has no intention of interfering with further bona fide water appropriations by the City of La Mesa, or by any other person, firm or corporation public or private.

Eleventh, That it is the belief of this Common Council that the question of the development of the unappropriated waters of the San Diego River should be determined once for all. That this is the proper time to determine such question, that the electors of this municipality should determine this question and that an election upon the question of impounding the flood waters of the San Diego River as provided for in the El Capitan Bill is the proper manner of presenting the problem to the citizens of this community.

Passed and adopted by the said Common Council of the City of San Diego, California, this 30th day of August, 1918.

Certified to by City Clerk,

Ayes - Fisher, Bruschi, Moore
Noes - none

Allen H. Wright.

Absent - none.

Feb. 1, 1919.

Mr. W. " . McClure, State Engineer,
Forum Building,
Sacramento, California.

Dear Mr. McClure:

This report from Oceanside is certainly a wonderful mixture. I haven't the slightest idea where it originated, certainly not through my office. Everything about it is wrong, not only the statement that you have submitted a report to the State Water Commission, but every item of cost is clearly off. Also the report which I prepared for you is not based upon a multiple arched dam at Warners Reservoir at all, but upon an earth fill dam to cost \$614,762.00. I am not familiar with the "Central States Contract Reporter", in fact, this is the first time it has ever come to my attention.

Very sincerely yours,

W. L. Huber, Signed

WLH/RH

C o p y

DEPARTMENT OF ENGINEERING
Sacramento

February 6th, 1919

Colonel Ed Fletcher,
920 8th Street,
San Diego, Calif.

Subject: Letter from Walter Huber.

My dear Colonel:

Herewith copy of letter from Mr. Huber, under date of Feb. 1st.

Following your request of Jan. 29th, that Mr. Huber be requested to expedite the matter of report.

Had consultation with Mr. Huber on the 3rd and agreed with him that until conditions were made plain to us, he could not intelligently make any supplementary report.

Second: The enclosed note from Mr. Huber, together with clipping, for your perusal.

Third: Thank you for copy of Mr. Posterfield's very pungent statement of the water situation.

Yours very truly,

W. F. McClure.

State Engineer.

WFM/HB
encl

SLR

February 21, 1919.

Mr. W. F. McClure,
State Engineer,
Sacramento, California.

My dear Mr. McClure:

I acknowledge receipt of copy of your letter to Honorable Cato Sells, under date of February 18th. It is certainly fully explanatory and appreciated as well. I am sending a copy of this letter to Wheeler and Mr. Henshaw.

F-F

Yours truly,

March 31, 1919.

Mr. W. F. McClure,
State Engineer,
Sacramento, California.

My dear Mr. McClure:-

Enclosed find copy of letter from Mr. Crouch, our attorney, in relation to the San Luis Rey irrigation district.

Under what act would you advise us to proceed in forming the San Luis Rey irrigation district,

Yours very truly,

encl
EF-mk

W. F. McCLURE, ENGINEER
GEORGE B. MCDUGALL, ARCHITECT

PAUL M. NORBOE
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO April 5th, 1919.

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



Subject: Proposed San Luis Rey Irrigation District.

Dear Colonel:-

I have yours of March 31st enclosing copy of letter from Mr. Crouch.

I do not understand Mr. Crouch's expression "Under what irrigation law the district is to be organized." There is only one California Irrigation District Act, - the Bridgeford Act of 1897, - and as amended. This is the law with which you are more or less familiar.

I have your wire stating that Mr. Bartl reports the San Dieguito Dam leaking. You may remember my remarking that I anticipated that there would be some seepage under the footing because of the porous material. Will be pleased to visit the dam with Mr. Bartl just as soon as I can.

Very truly yours,

W. F. McClure
STATE ENGINEER.

WFM:LKA

APR 7 1919

W. F. McCLURE, ENGINEER
GEORGE B. MCDUGALL, ARCHITECT

PAUL M. NORBOE
S. W. CURTIS
ASSISTANT ENGINEERS

EARLE FREEMAN
SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO April 28, 1919.

Colonel Ed. Fletcher,
920 - 8th Street,
San Diego, California.

Dear Colonel:

First, - Irrigation. I have your letter of the 24th, giving quotation from letter from Mr. Crouch. Please note that I have no recommendation to make as to what machinery may be used concerning any irrigation project you may be considering. Mr. Crouch is, of course, correct in that there are other means of placing water upon lands, but there is only one, - "California Irrigation District Act". If you and Mr. Crouch conclude that any of the other acts are superior to the Irrigation District Act, then you should arrange for organizing accordingly.

Second - Was interested in reading yours of the 24th, reciting your pleasant and what I trust will prove to be a profitable trip and experience with Mr. Davis. So many things might be said that it is not worth while to attempt to discuss them by correspondence. Hope to see you within the next two weeks. Enclosed find Mr. Davis' letter to yourself of the 20th inst.

Very truly yours,

W. F. McClure
STATE ENGINEER.
WFM:K

APR 30 1919

San Diego, Calif.
April 24, 1919

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

Below find quotation from a letter received from Mr. Crouch, which is self-explanatory:

"I have yours of the 17th inst. inclosing a copy of the State Engineer's letter to you of April 5th, in the matter of the proposed organization of the San Luis Rey Irrigation District.

In addition to the Bridgeford Act, lands can be irrigated through the formation of a county water district under the Act of June 10, 1913, a bill introduced by Senator Caminetti, or under the County Water Works District Act of June 13, 1919, a measure fathered by Senator Gates of Los Angeles. All of these acts in some respects are superior to the others."

I cannot answer it. I assume that this letter of Mr. Crouch's has no effect on your recommendation, but am giving you the opportunity, if you care to enlighten Mr. Crouch further on the subject.

Yours very truly,

EF/bm

May 1, 1919.

Mr. W. F. McClure,
State Engineer,
Sacramento, California.

My dear Mr. McClure:-

Answering yours of the 28th: I do not know why Mr. Crouch was so insistent, but I have instructed him today to draw up the petition under the California irrigation district act.

I hope you will be able to come down with Mr. Huber this coming week. Will you not kindly wire me at my expense as to when you can get down?

With kind personal regards,

Very sincerely yours,

EF-nk

August 12th, 1919.

La Mesa, Lemon Grove and Spring Valley
Irrigation District,

La Mesa,

San Diego County, Calif.

SUBJECT: Value - Cuyamaca Water System.

Gentlemen:-

Since furnishing you with a copy of the report made for your district, compiled by Mr. W. L. Huber, and which places a value upon the Cuyamaca Water System, as of even date, at \$1,440,000, we are advised by the Secretary of the Cuyamaca Water System that judgment has been rendered against them in amount \$7,856.61 account construction of Murray Dam, and that in addition to this amount, said company must pay attorney fees, witness fees and court fees, which they estimate will amount to approximately \$4,000. Please note, therefore, that our valuation for the purpose of possible sale to your district is \$1,451,850.

Yours very truly,

(Signed) W. F. McCLURE

State Engineer.

San Diego, California.
Sept. 23rd, 1919

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

I have misplaced ~~your~~ letter of acceptance of the San Luis Rey Irrigation District Report. Will you kindly send me a copy so that I can have other copies made and pasted in the Reports?

Yours very truly,

EF/bm

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO September 25th, 1919.

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

Dear Colonel:-

Upon my return to the office this morning, I find your wire of September 23rd, as follows:

"When may I have the pleasure of seeing you here important"

Am wiring you answer as follows:

"Responding your wire 23rd, unable to name date. Letter follows."

Am also in possession of your note of September 23rd stating that you "have misplaced letter of acceptance of San Luis Rey Irrigation District's Report."

I do not recall having written such a letter, but in order that your wish may be complied with, enclosed herewith please find some such statement as I assume you desire.

Very truly yours,

W. F. McClure
STATE ENGINEER.

WFM:LKA

December 14, 1920

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

Will you please address a letter to the Cuyamaca Water Company, and tell them that in making out the report in the formation of the La Mesa Irrigation District, the State Engineer informally approves the sale of the Cuyamaca System to the La Mesa Irrigation District, and that the water supply is ample.

The State Railroad Commission has increased our rates 75 percent for irrigating purposes, and there is a big movement again on foot to acquire our Cuyamaca System. There is one individual who is making the statement that the State Engineer never approved the sale of the Cuyamaca System to the District, and that the water supply is not ample. If my understanding of your decision is correct, you have approved informally the sale of the Cuyamaca System to the La Mesa Irrigation District as organized, all as per Mr. Huber's report to the District, and have said that the water supply is ample.

If my understanding of the matter is correct, I would appreciate a letter along these lines.

With kind regards, I am

Very sincerely yours,

EF:KIM

December 22, 1920.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

On August 12, 1919, you finally approved the engineering report and valuation of the Cuyamaca System as included in said report, and gave a valuation for sale purposes of \$1,451,850.00.

It is the intention of the Cuyamaca Water Company to offer said system immediately for sale to the La Mesa, Lemon Grove and Spring Valley Irrigation District on the basis of \$1,550,000 cash, or \$1,450,000, and accept in lieu of cash forty year six percent bonds of the district. In case we sell the Cuyamaca System, as outlined in your report of August 12, 1919, to the La Mesa, Lemon Grove and Spring Valley Irrigation District on the terms heretofore mentioned, will you approve said sale; and, further, would you approve such sale in case the owners of the Cuyamaca System agreed to take additional bonds covering three years' interest after purchase.

Your opinion on this matter, and an early reply will be greatly appreciated before submitting said system for sale.

Respectfully submitted,

RF:KIM

cc- J. A. H.
J. E. H.
G. H.
J. T.

December 31st, 1920.

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

Subject: Water Supply.

Dear Sirs:-

In conversation with Colonel Ed. Fletcher a few days ago, he stated that the matter of possible purchase by the La Mesa Irrigation District of the Cuyamaca Water Company's supply was again being entertained by those interested.

Colonel Fletcher understands, of course, that the initiative of a new movement to acquire the suggested supply should come from the District and not from the Water Company.

We will be pleased to give prompt attention to any inquiry you may care to make concerning this matter and if you shall succeed in getting a supply for the district at a reasonable figure, this office will be highly pleased.

Very truly yours,

[McClure] *com*

STATE ENGINEER.

WFM:LAB

CC Colonel Fletcher.

(COPY)

LaMesa, California,
January 10, 1921.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

Dear Sir:

In reply to yours of a recent date, in regard to the Cuymaca water supply.

The directors wish to thank you for the interest you have taken in the matter, but as yet they have nothing positive to ask concerning the matter.

Respectfully yours,

John C. Scott (Signed)
Secretary
La Mesa Lemon Grove and Spring Valley
Irrigation District

7148 11-20 531

W. F. McCLURE,
ENGINEER

Address all communications to *Department of Engineering*

GEORGE D. McDOUGALL,
ARCHITECT

J. H. CLARKE,
ACTING SECRETARY

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING

SACRAMENTO

January 15th, 1921.

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

Subject: La Mesa, Lemon Grove and Spring Valley Irrigation District.

Dear Colonel:

Just in possession of reply from my note of recent date, from Mr. Scott, Secretary of the District, of which you had a copy, and we enclose copy of same. Am looking for the note from Chamber of Commerce as per your suggestion of recent date.

Very truly yours,

W. F. McClure
STATE ENGINEER.

WFM:LAB

*Will be pleased if may have the contour map
of Mars Hill soon-*

Warm personal regards

January
Eighteenth
1 9 2 1

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

I notice in Mr. Huber's report to the La Mesa Irrigation District, the matter of valuation of the Cuyamaca System, the valuation is based on an irrigation supply, but that this valuation does not hold if the water is sold for domestic purposes.

Would you kindly in a letter amplify this and let me know if the inference is that if the water were sold for domestic purposes the valuation of the Cuyamaca System would be higher, or not. Anything along these lines would be appreciated.

Yours very truly,

EF:KIM

Not reviewed after
dictation

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

December 28th, 1921.

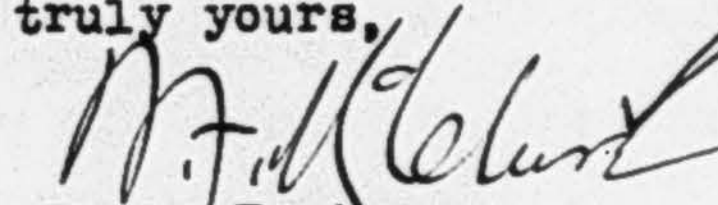
Colonel Ed. Fletcher,
920 Eighth Street,
San Diego, California.

Subject: Volcan Land and Water Company. Proposed Dam.

Dear Colonel;

Responding to yours of December 23rd, think I cannot answer your question concerning the type of dam better than sending you copy of letter going today to Mr. Treasurer.

Very truly yours,


State Engineer.

WFM:LAB

antagonism to multiple arch type dams. They are, without doubt, the best and most economical type dams for certain locations. A number of years ago some of our able hydraulic engineers of the Bay region made a careful analysis of the suitability of the multiple arch type dam to different locations. The conclusion reached was that, ordinarily, a dam of this type would not prove to be economical in construction if built to a greater height than about 150 feet.

If you, as Manager for the Volcan Land and Water Company present plans to this office of the multiple arch type they will, of course, be analyzed and action will be taken agreeable to our best judgment. I am assuming, however, that as a matter of course you will not adopt that type dam or any other type without comparison of costs.

12/28/21.

Having visited the sites in question am quite free to express my judgment that a hydraulic fill **December 28th, 1921.** is the one that would better serve your purpose.

Riverside Portland Cement Co., Truly yours,
Corporation Building,
Los Angeles, California.

Attention John Treanor, Manager. State Engineer.

Dear Mr. Treanor:

Sorry to have missed you at the times of my two calls during my last trip South.

You quote me in your note of December 2nd as having stated that I feel that I "can never give consent to the construction of multiple arch dam at either of the proposed sites." Reference being made to tentative selected sites for a dam for the impounding of Warner Valley waters.

Consultation with you would have been much more satisfactory than a letter, but being unable to see you, I write.

I have not definitely stated that I would, under no conditions approve the multiple arch dam for the suggested site, but I have stated to at least two friends of mine that I "hoped that I would not be requested to approve a dam of such type for the proposed location.

This opinion of mine is not based upon any prejudice or antagonism to multiple arch type dams. They are, without doubt, the best and most economical type dams for certain locations. A number of years ago some of our able hydraulic engineers of the Bay region made a careful analysis of the suitability of the multiple arch type dam to different locations. The conclusion reached was that, ordinarily, a dam of this type would not prove to be economical in construction if built to a greater height than about 150 feet.

If you, as Manager for the VolcanLand and Water Company present plans to this office of the multiple arch type they will, of course, be analyzed and action will be taken agreeable to our best judgment. I am assuming, however, that as a matter of course you will not adopt that type dam or any other type without comparison of costs.

Riverside Portland Cement Co. -2-

12/28/21.

Having visited the sites in question am quite free to express my judgment that a hydraulic fill dam at the upper site is the one that would better serve your purpose.

Very truly yours,

WFM:LAB

State Engineer.

December 23, 1921.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

I have been told that you made the statement that you would not approve, under any circumstances, the building of a multiple-arch dam at Warners. Are you aware that three quarters of a mile below Warners dam we have core drilled, and found bedrock all the way across, and at a minimum depth, and assuming that the foundations are o.k., do I understand that it is the attitude of the State Engineering Dept. that it would not approve a multiple-arch dam at that point, with a spillway large enough to take a discharge of the greatest known flood, assuming, of course, that the specifications of the multiple-arch dam show the proper thickness of material, as is customary in all multiple-arch dams approved by you, depending, of course, upon the height of the dam?

I would appreciate a letter from you as to your attitude in this matter, and whether you have been correctly quoted or not.

Wishing you and yours the compliments of the season,

Very sincerely yours,

EF:AH

P. S. Lake Hodges has jumped from 84 feet to 100, and this storm will fill it to 105 anyhow, if it doesn't rain any more. Cuyamaca has jumped 5 feet. Our flume is out of commission, but we will have it running in a few days. San Diego's entire system has not caught over 500 million gallons to date. But, it is still raining. We have caught nearly 4 billion in Hodges since last Saturday.

E. F.

December
Thirty
1921

Mr. W. F. McClure,
State Engineer,
Department of Public Works,
Sacramento, Calif.

My dear Mr. McClure:

Answering yours of December 28th, with copy of letter to Mr. Treanor, I agree with you that a hydraulic-fill dam at the upper site is the only feasible type dam to be used.

At the lower site, however, are you aware that we put in core drills there, have gotten 100 percent core and have first-class bedrock as a basis on which to build a dam? Have you taken this matter into serious consideration?

Enclosed find pictures of the Lake Hodges dam. She is a humdinger. The only material damage to the San Dieguito system is in the adobe soil where the conduit was built.

Wishing you the Compliments of the Season,
I am
Sincerely yours,

EF:KLM

January
Third
1922

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

Answering yours of the 30th, will say that we are at present satisfied with the boundaries of the proposed district. All we want is a legally organized district to build up on later on. We would like to see later on both Cardiff Irrigation District and Encinitas join this district, but our attorneys think that we better eliminate these at the present time and wait until we are legally organized, and then let them petition to join in if they wanted to.

As to whether we remain a mutual water company, or become a public utility, or sell to an irrigation district - the future must take care of itself, but we want to find some way to furnish the people with water who want it, and we feel this is a step in the right direction.

Wishing you the Compliments of the Season,

I am ~~sure~~

Sincerely yours,

EF:KLM

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

January 4th, 1922.

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

Subject: Lake Hodges Dam.

Dear Colonel:

Yours of December 31st just received. Thank you kindly for the photograph indicating tremendous volume of water going over the spillway at Lake Hodges. I should be pleased if the overflow washes some of the debris down into the canyon. May we not assume that San Diego will feel quite proud of her impounding facilities and quite independent for some time to come?

Referring to Volcan matters. Since you agree with me that a hydraulic fill dam is the only feasible type dam for the upper site I assume your second question involves the matter of the comparative value of a hydraulic dam at the upper site and a multiple arch type dam at the lower site.

I question whether your ^{investigation} calculations at the lower site are sufficient to pass upon the stability of a concrete structure. In any case, the writer believes that a hydraulic fill dam at the upper site is much to be preferred, even if the cost may considerably exceed that of masonry dam at the lower site.

Very truly yours,

W. F. McClure
State Engineer.

WFM:LAB

C O P Y

January 9th, 1922.

Mr. F. H. Tolle,
912 Garland Bldg.,
Los Angeles, California.

Dear Sir:

Your wire of January 7th just received.

Am unable to name date when I will be in Los Angeles or San Diego. Concerning proposed San Dieguito Irrigation District, however, it is not necessary that we make additional examination of the territory proposed to be incorporated.

Assuming that, should a district be formed and you should want to provide funds for construction purposes and have such funds receive the approval of the Bond Commission, the Commission must know what the water you propose to use will cost you.

I might now render a report to the Board of Supervisors recommending that petition for formation be granted stating that a water supply may be secured but we prefer a clearer view into the future concerning amount of water desired and rate of payment for same.

Yours very truly,

STATE ENGINEER.

WFM:R.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

January 9th, 1922.

Colonel Ed. Fletcher,
920 - Eighth St.,
San Diego, California.

SUBJECT: PROPOSED SAN DIEGUITO IRRIGATION DISTRICT.

Dear Mr. Fletcher:

Your night letter of December 7th just at hand.
Trust proceedings may remain harmonious.

Concerning date of rendering report to the Board of Supervisors, enclosed please find copy of note just being mailed to Mr. Tolle.

Yours very truly,

W. F. McClure

STATE ENGINEER.

WFM:CLR.

January
Ninth
1922

Mr. W. F. McClure,
State Engineer,
1310 - 26th St.,
Sacramento, Calif.

My dear Mr. McClure:

Enclosed find clipping from the
La Mesa Scout, also copies of Resolutions, for
your information.

Hope to see you soon, and sorry
you were not in town the last time I was up.

Yours sincerely,

EF:KLM

CLASS OF SERVICE	SYMBOL
Telegram	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a telegram. Otherwise its character is indicated by the symbol appearing after the check.

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT.

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

CLASS OF SERVICE	SYMBOL
Telegram	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a telegram. Otherwise its character is indicated by the symbol appearing after the check.

RECEIVED AT 936 5th ST., SAN DIEGO, CALIF. ALWAYS OPEN.

922 JAN 11 PM 1 26

A 336GS 55 BLUE 2 EXTRA

SACRAMENTO CALIF 1150A 11

COLONEL ED FLETCHER

231

920 EIGHTH ST SAN DIEGO CALIF

RESPONDING YOUR WIRE EVEN DATE WHILE THE SANDIEGUITO MUTUAL
WATER COMPANY MAY BECOME A PUBLIC UTILITY NO IRRIGATION DISTRICT
SHOULD BE PERMITTED TO ORGANIZE WITHOUT AS FULL INFORMATION AS MAY
BE OBTAINED BY THIS OFFICE CONCERNING WATER SUPPLY AND COST OF
SAME STOP WE CANNOT RECOMMEND APPROVAL OF ANY DISTRICT WITHOUT
SUCH PROCEDURE

W F MCCLURE STATE ENGINEER.

*Mr. Steen + Mr. Robinson will see you at 2 o'clock
to-morrow. They have a luncheon engagement.*

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

January 11th, 1922.

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

Subject: San Dieguito Mutual Water Company.

Dear Colonel:

Wired you today as follows: "Responding your wire even
date while the San Dieguito Mutual Water Company may become a public
utility no irrigation district should be permitted to organize without
as full information as may be obtained by this office concerning water
supply and cost of same Stop We cannot recommend approval of any
district without such procedure."

Have already written Mr. Tolle concerning this matter and he
will no doubt take the matter up with you. Some written statement must
be made by some responsible party concerning the rate which the district
may have to pay.

Very sincerely yours,

W. F. McClure
State Engineer.

WFM:LAB

*Please do not embarrass me by requesting action
which would reflect on both of us - WFM*

CLASS OF SERVICE DESIRED	
Telegram	
Day Letter	
Night Message	X
Night Letter	
Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM	

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Form 1206

Receiver's No.
Check
Time Filed

Send the following message, subject to the terms on back hereof, which are hereby agreed to

San Diego, Calif., Jan. 11, 1922

Mr. W. F. McClure
State Engineer,
Sacramento, Calif.

Your letter January received. Can you not approve formation of this district as far as Board of Supervisors is concerned and later on bring up question of water development At this time there is no intention of appealing to bonding commission at all We may become public utility This is confidential but our people desire early action on formation of district Hope you can send word to Supervisors Kindly wire my expense

ED FLETCHER

Chg Fletcher Co

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

January 13th, 1922.

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

Subject: Proposed Irrigation District.

Dear Colonel:

Following our conversation over the telephone just past, I quote from the Irrigation District Law:

"Section 2. x x x x x x x x "which petition shall set forth generally the boundaries of the proposed district and also shall state generally the source or sources from which said lands are proposed to be irrigated, and shall pray that the territory embraced," x x x x etc. Also, "If the State Engineer shall report that the supply of water available for use of the proposed district or that may be acquired by any practical means, including condemnation of existing rights, is not sufficient or that the project is not feasible for any other reason or reasons," etc.

You can readily understand that the law does not contemplate proceeding without a clear vision by the State Engineer and the proponents of the District not only of proposed source of supply, but whether the cost of the water may be so great as to cause the State Engineer to pronounce the project impracticable.

I do not assume to give you advise in this matter, but simply suggest that the proponents of the district should be given certified copy of a resolution of the San Dieguito Mutual Water Company naming the figure proposed to be charged for the water proposed to be used by the district.

If my plans do not go awry, I will take the Owl Train from Los Angeles for San Diego on Tuesday evening, the 17th instant.

Very sincerely yours,

W. F. McClure
State Engineer.

WFM:LAB

January 14, 1922.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

In answer to your inquiry regarding supplying water to the proposed San Dieguito Irrigation District, will say arrangements are under way to furnish water to this district, either at rates established by the State Railroad Commission, or in the purchase of mutual water company stock.

The plan is for the district to bond itself to put in its own distributing lines, taking water at either San Dieguito reservoir, or the west Santa Fe ranch line. The price of mutual water company stock will be not less than \$150.00 per acre, or not to exceed \$200.00 per acre.

Hoping under these circumstances that you can approve the formation of the district, and assuring you it is the intention of the San Dieguito Mutual Water Company to be fair to the proposed district in the matter of sale of water, and that we will be glad to do business with the new district as soon as it is legally organized, I am

Sincerely yours,
SAN DIEGUITO MUTUAL WATER CO.

By
P r e s i d e n t

EF:KLM

San Diego, California,
January 18, 1922.

State Department of Public Works, Attention Paul Bailey.
Division of Engineering and Irrigation, Deputy Chief.
Forum Building,
Sacramento, Calif.

Dear Mr. Bailey:

Herewith please find my report upon the proposed San Dieguito Irrigation District.

Please mail the original to the Board of Supervisors of San Diego County, and send one copy to the South Coast Land Company, Los Angeles, Calif., and one copy to Colonel Ed Fletcher, San Diego, Calif.

Yours very truly,

WFL:AH

210-2
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

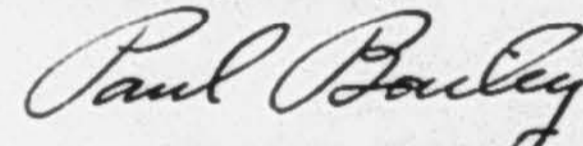
January 18th, 1922.

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

Dear Colonel Fletcher:

According to Mr. McClure's request before leaving the office, we have had copies made of some reports in connection with La Mesa Irrigation District that were written by Major Norboe. We have no record of his statement in re Pueblo lands and water and thought perhaps these reports enclosed are the ones that were referred to.

Very truly yours,



Deputy Chief of Division.

LAB

STATE DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING AND IRRIGATION
Sacramento, Cal.

January 18, 1922.

PROPOSED SAN DIEGUITO IRRIGATION DISTRICT.

To the Honorable, The Board of Supervisors
of San Diego County,
San Diego, Calif.

Dear Sirs:

In the matter of the petition of the South Coast Land Company, the Southern Title Guaranty Company, John H. Thilges, Nora M. Thilges, and others, as same was presented to your Board January 5, 1922, and which petition was found to be sufficient as to owners and claimants of land, as evidenced by resolution of your Board of January 4, 1922.

Agreeable to the provisions of Section II of the Irrigation District Law of the State of California, I have made examination of the territory proposed to be embraced within the boundaries of the district and have an intimate knowledge of the source of water supply mentioned in the petition, and from which source, namely Lake Hodges, the proposed district expects to obtain its supply of water; and

I hereby pronounce the project feasible, and respectfully recommend your board to grant the petition for organization.

State Engineer.

WEM:AH

STATE DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING AND IRRIGATION
Sacramento, Cal.

January 16, 1922.

PROPOSED SAN DIEGUITO IRRIGATION DISTRICT.

To the Honorable, the Board of Supervisors
of San Diego County County,
San Diego, Calif.

Dear Sirs:

In the matter of the petition of
the South Coast Land Company, the Southern Title
Guaranty Company, John F. Thilges, Vera F. Thilges,
and others, as same was presented to your Board
January 2, 1922, and which petition was found to
be sufficient as to owners and disjuncts of land,
as evidenced by resolution of your Board of January
4, 1922.

Agreeable to the provisions of Section 11 of
the Irrigation District Law of the State of California,
I have made examination of the territory proposed to be
embraced within the boundaries of the district and have
an intimate knowledge of the source of water supply con-
tained in the petition, and from which source, namely
Lake Hodges, the proposed district expects to obtain
its supply of water; and

I hereby pronounce the project feasible, and
respectfully recommend your board to grant the petition
for organization.

W. F. McCURR
State Engineer.

WFM:R

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

March 8th, 1922.

The San Dieguito Mutual Water Co.,
920 - 8th St.,
San Diego, California.

SUBJECT: LAKE HODGES DAM.

Dear Sirs:

On Wednesday, February 22nd, 1922, I made an exam-
ination of the Lake Hodges Dam in company with Mr. Miller
and am pleased to report that the structure is fulfilling
its mission 100%.

Yours very truly,

W. F. McCurr
STATE ENGINEER.

WFM:R.

copy sent.

*copy
sent
to
S.D.*

*How much
to
S.D.*

April 1, 1922.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

Warner's Dam

My dear Mr. McClure:

Inclosed find letter from Mr. King regarding Warners, which is explanatory.

I am obsessed with the idea that a concrete dam built at the lower site has many advantages:

First: It can be built within a year, eliminating all danger of being destroyed by floods. Mr. Hawgood is urging Mr. Henshaw to build a hydraulic earth fill dam, and if Mr. Hawgood's idea is carried out, they will commence construction the first of May this year, and there is grave danger of floods next year taking it out, as it will be impossible to get the dam built to a safe height by the first of January next.

Second: A dam built in the canyon holds 8,000 additional feet of water, and considerable money can be saved in lowering the height a foot and a half or two feet and still retaining the same storage as planned at the upper site.

Third: When it comes to selling the system, if a concrete dam is built the psychological effect on the people is such that the system will sell for one half a million dollars more than if it were an earth fill dam.

Fourth: Mr. Henshaw is in the cement business and can secure his own cement at cost, thereby materially reducing the cost of the dam by benefiting his own business.

Fifth: A multiple arch concrete dam can be built there for \$500,000 or much less than an earth fill dam. There are 800,000 cubic yards of earth in the proposed Warner dam at the upper site. In 1915 Mr. O'Shaughnessy and Mr. Lippincott reported that a dam to hold 90 feet of water, containing about 440,000 cubic yards would cost \$499,000. Mr. King is of the opinion that it would cost \$1,200,000 to build a dam to hold 107 feet of water.

Inclosed find copy of report of King and Harritt in relation thereto. The materials will have to be hauled from a half a mile to a mile's distance, and the transferring of that

material in place will certainly cost \$1.10 a yard at the very least. The Sweetwater Water Company two years ago built a dike to replace a broken section. They had the materials right at hand, not a half a mile or a mile away, and it cost them 78¢ a yard just to move the dirt 40,000 yards, and nearly \$1.10 in place.

Mr. Henshaw and Mr. Treanor seem to be going ahead with a hydraulic earth fill dam on your report to Mr. Hawgood. I don't feel that you have done justice to Site No. 2. We can have a core drill working at the lower site in a week if you want any more core drills made. It is now at Sutherland in operation.

I feel so certain that we are right in this matter, and so certain that you have not made a final decision in this matter with all of the facts at hand, that I urge you to write me a letter by return mail if you are convinced of the justice of our position, that will cause a more favorable consideration of the lower site by Hawgood, Lippincott, and Treanor. I had a letter from Lippincott this last week, approving Lake Hodges Dam, as having fulfilled its functions in every way. The water has been going over the spillway since December 26th, and it is continuing so at the present time.

Treanor has an idea that you are opposed to Site No. 2. I happen to own a half interest in the land where Site No. 2 is located at Warners, the lower site. I am willing to give free of charge to Mr. Henshaw, if he asks it, a deed to the damsite and the lands within the reservoir site, but I am sure from an engineering standpoint the lower site is the logical place. Henshaw owns the other half interest in the land.

I hope to have a favorable reply from you by return mail, and I at least ask that before you make an adverse decision, that you make a personal investigation on the ground.

We are signing up with the Santa Fe about the 15th of April, and the money will be available for the immediate construction of the dam at Warners, so we cannot afford a day's delay, and I hope that you will be down here at a very early date. If you believe more core drillings should be made, I suggest that you send a wire that indi

material in place will certainly cost \$1.10 a yard at the very least. The Sweetwater Water Company two years ago built a dike to replace a broken section. They had the materials right at hand, not a half a mile or a mile away, and it cost them 78¢ a yard just to move the dirt 40,000 yards, and nearly \$1.10 in place.

Mr. Henshaw and Mr. Treanor seem to be going ahead with a hydraulic earth fill dam on your report to Mr. Hawgood. I don't feel that you have done justice to Site No. 2. We can have a core drill working at the lower site in a week if you want any more core drillings made. It is now at Sutherland in operation.

I feel so certain that we are right in this matter, and so certain that you have not made a final decision in this matter with all of the facts at hand, that I urge you to write me a letter by return mail if you are convinced of the justice of our position, that will cause a more favorable consideration of the lower site by Hawgood, Lippincott, and Treanor. I had a letter from Lippincott this last week, approving Lake Hodges Dam, as having fulfilled its functions in every way. The water has been going over the spillway since December 26th, and it is continuing so at the present time.

Treanor has an idea that you are opposed to Site No. 2. I happen to own a half interest in the land where Site No. 2 is located at Warners, the lower site. I am willing to give free of charge to Mr. Henshaw, if he asks it, a deed to the damsite and the lands within the reservoir site, but I am sure from an engineering standpoint the lower site is the logical place. Henshaw owns the other half interest in the land. I hope to have a favorable reply from you by return mail, and I ask that you at least make a personal investigation on the ground before you make an adverse decision.

We are signing up with the Santa Fe about the 15th of April, and the money will be available for the immediate construction of the dam at Warners, so we cannot afford a day's delay, and I hope that you will be done here at a very early date. If you believe more core drillings should be made, I suggest that you send a wire that indications point to the lower site as the most favorable, and that you urge immediate core drilling at any location you may suggest, and I will immediately proceed to get the authority, and move the core drilling equipment, although Mr. King and myself have agreed that we have core drilled sufficiently to warrant the concrete dam at the lower site in preference to the hydraulic earth fill dam at the upper site.

Yours very truly,

EF:AH

P. S.

Since writing the above, will say I made such a strong protest to Treanor that he has brought in a new engineer, Mr. Starr, who says he knows you and who has been working for the San Joaquin Power Company. He is making a study of this.

Mr. Treanor has put Mr. Starr in charge instead of Mr. Hawgood. Three core drills are going in there day after tomorrow and a thoro core drilling of both the upper and lower sites will take place immediately.

I will keep you posted every few days as to the progress of our core drilling and hope you can come down here at an early date.

E.F.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

April 7th, 1922.

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

SUBJECT: PROPOSED DAM FOR WARNERS VALLEY RESERVOIR.

Dear Colonel:

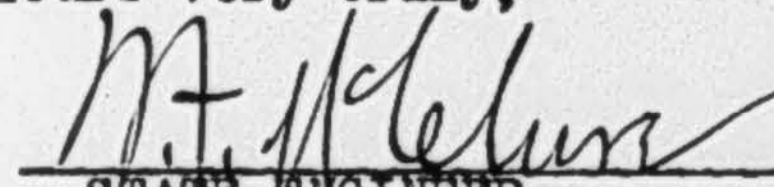
Just this morning, April 7th, in possession of your letter dated April 1st, together with enclosures mentioned.

Note, please, that this office has not been requested by any one to approve plans for a dam for Warners Valley. I feel sure that nothing more should be said by myself until plans may be presented.

Trust your hopes may be realized in a definite closing of the matter with the Santa Fe people whereby funds will be available for your very greatly desired and very important improvements.

Am unable at the present to forecast when I will be in the south again but will advise you.

Yours very truly,


STATE ENGINEER.

WFM:R.

May 22, 1922.

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

Regarding the amount of water necessary for the San Dieguito District and the Santa Fe District, I have been asked by Mr. Hodges to put this question to you.

Take, for instance, the proposed Santa Fe District, including the Syndicate lands and the Santa Fe Ranch - 10,000 acres. Would you advise this district to contract for eight tenths of an acre foot or 8,000 acre feet for this 10,000 acre district, knowing that 15% of the land will be in roads, and knowing the character of the ground; also knowing that the district would have to buy the water and pay for it whether they used it or not, and knowing that not to exceed 70% of the land will be under irrigation any one year according to past history of irrigation districts? Under those circumstances, is it not a hardship for the prospective buyers of the Santa Fe Ranch to take on an obligation to pay for more water than they will use?

There are only about seven or eight thousand acres of land out of the 10,000 in the proposed Santa Fe District that can be tilled successfully, the rest being rough land. Under all the circumstances, don't you think that six or seven thousand acre feet of water is all that the district should sign up for and obligate themselves to pay for whether they use it or not - for one-fifth the first year, one-fifth the second, one-fifth the third, one-fifth the fourth, and one-fifth the fifth, or in other words, by paying in five years for their full supply of water whether they use it or not, or they could pay for one-tenth each year for ten years - whatever you may finally decide is for the best interests of the district.

The Santa Fe Railway will have this land all subdivided next fall, and I have a contract to sell it all within the next four and a half years. So you see the Santa Fe will immediately sell their lands, and it is up to you to protect the new owners. This also applies to the Syndicate lands.

Page Two

What I would like to know as early as possible if agreeable to you, is how many acre feet of water the 10,000 acre Santa Fe District should contract for and pay for whether they use it or not. Your answer will have a direct bearing on the question of our desire to put additional water in Del Mar and other places on the coast.

I am sending you an extra copy of this letter, so if you want to send it to Mr. Huber for his information you may do so.

Yours very truly,

EF:AH

San Diego California,
May 27, 1922

Hon. W. F. McClure,
State Engineer,
Sacramento, California.

Dear Sir:

There is a diversion of opinion between the City Council and the citizens of this city as to the necessity of enlarging the spillway at Morena Dam, as recommended by our engineer, Mr. Savage, who recommends an additional expenditure of \$100,000, while the City Council claims that an expenditure of \$20,000 is sufficient for all purposes to make the dam absolutely safe and accomplish the desired results.

May we have the benefit of your expert opinion on this subject, and at how early a date?

We would certainly appreciate your cooperation in this matter.

Yours very truly,

280-251
San Diego, California,
July 26, 1922.

Honorable U. S. Webb,
Attorney General,
Humboldt Bank Building,
San Francisco, California.

My dear General:

Some weeks ago I submitted to you a proposed contract, whereby the San Dieguito Irrigation District may purchase from the Lake Hodges Water Company its necessary supply of water. I asked you whether the Board of Directors of the Irrigation District might properly, and legally, enter into a contract such as outlined, whereby the district can be obliged to pay for a sticulated amount of water whether it had been used or not.

Developments have reached a point where it is quite important that the parties concerned be advised. You will very greatly oblige the officers of the district, the officers of the water company, and me, by giving us your opinion as soon as you can.

Very truly yours,

[McClure]
cm

State Engineer

WFMCC:ZLM

San Francisco, September 6, 1922.

(a) For all contracts
(b) for all other contracts
as follows:
First year
Second year
Third year
Fourth year
Fifth year and thereafter
Hon. W. F. McClure,
State Engineer,
Sacramento, California.

Dear Sir:

Some time ago you transmitted to this office a copy of a letter addressed by J. H. Keefe, President, Santa Fe Land and Improvement Company to San Dieguito Irrigation District, whereby the Santa Fe Land and Improvement Company offer to furnish water to such district in the quantities and at the prices stipulated therein, and during a period coextensive with the life of the irrigation district bonds. The proposal of the Santa Fe Land and Improvement Company is as follows:

"Confirming conversation had with your representatives today concerning water supply for the District, this is to state:

1. That a re-organization of the San Dieguito Mutual Water Company is in progress to facilitate and expedite the distribution of the Lake Hodges water to full beneficial use. In the plan of reorganization there has been allocated to the San Dieguito Irrigation District 3200 acre feet of water per annum.

2. The price of said water to the District has been the subject of several conferences between the representatives of the District and Lake Hodges Water System which finally resulted in an agreement upon the prices following:

fore determining action to be taken. In addition to this, the Attorney General is a member of the Irrigation District

W. F. McC. #2 - 9/6/22.

- (a) For all domestic water 7½ cents per 100 cubic feet
(b) for all other purposes 3 cents per 100 cubic feet
(c) Minimum payments by the District per annum to be
as follows:

First year-----	\$ 8,320.00	
Second year-----	16,640.00	(\$13.07 per a.f.)
Third year-----	24,960.00	
Fourth year-----	33,280.00	
Fifth year and thereafter	Contract price and quantity	

3. The prices above stated are for delivery to the district at the San Dieguito Reservoir on the Santa Fe Ranch; and period of delivery life of District bonds.

4. That when said reorganization is complete an agreement in writing to cover in detail the foregoing in terms satisfactory to both parties thereto can be made.

5. This is intended to be and is nothing more than a memorandum of some of the matters to be covered by said agreement."

Your letter of transmission submits this question:

"Can the Directors of the District legally contract with the Santa Fe Land Improvement Company, binding the District to pay these minimum amounts?"

A number of matters have delayed a reply to this letter, and, indeed, now I hesitate to submit my views, for it is not the duty of this office to advise irrigation districts as to the extent of their powers or the manner of the exercise of the same. The duty of advising thereon rests with their own counsel, and it will be expected that the irrigation district will obtain the advice of its own counsel before determining action to be taken. In addition to this, the Attorney General is a member of the Irrigation District

W. F. McC. #3 - 9/6/22.

Bond Commission, and should a contract of this character be entered into that commission, in the exercise of its functions, would have occasion to consider such contracts, perhaps to approve or disapprove the same, and nothing herein said is to be understood as an expression relative to the desirability or advisability of such contract, or as in any way committing the writer to any action as a member of the Irrigation District Bond Commission.

It is my view that, if the water company is able to furnish the water in the quantity specified and during the period indicated, and can satisfy the irrigation district of such ability, that a contract to so furnish the water will legally satisfy the requirements of the irrigation district laws. Provision for the payment of the contract price would necessarily precede the execution of the contract, and such funds can be provided, of course, only by vote of the legally qualified voters of the district.

Very truly yours,

Attorney General.

W/S

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

September 8, 1922.

DIVISION OF ENGINEERING
AND IRRIGATION

Col. Ed Fletcher,
920-8th Street,
San Diego, Calif.

SUBJECT: SAN DIEGUITO IRRIGATION DISTRICT

My dear Colonel:

~~Pleased to get yours of recent date voicing your keen disappointment at the result of the Primary on August 29. The subject is one so full of surprise that comment by correspondence is not warranted.~~

Just in possession of a response to my request made some weeks ago of our Attorney General relative to the right of the Directors of an Irrigation District to make contract as proposed by the Santa Fe Land Improvement Company.

You will note the Attorney General states that such "a contract to so furnish the water will legally satisfy the requirements of the irrigation district laws. Provision for the payment of the contract price would necessarily precede the execution of the contract, and such funds can be provided, of course, only by vote of the legally qualified voters of the district." You will note that the last provision covers a point we have already discussed.

In view of all of the circumstances and conditions, please note that if this period shall be changed from the five year period to a seven year period, with such adjustments as such change would necessarily involve, I, as the advisor of the Bond Commission, will give my approval.

Herewith copy of the Attorney General's statement.

Very truly yours,


State Engineer.

WFM:C

September 12, 1922

File 280-25

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

I thank you for your letter of September 8th.
The information is just what I wanted.

I am very anxious to see you at an early date.
Let me know when you are coming south. I want to have
a heart to heart talk with you.

Yours sincerely,

WF:KIM

CLASS OF SERVICE DESIRED	
Telegram	
Day Letter	
Night Message	
Night Letter	<input checked="" type="checkbox"/>

Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Receiver's No.
Check
Time Filed

Send the following message, subject to the terms on back hereof, which are hereby agreed to

San Diego, Calif. Oct. 19, 1922

280-13

Mrs. W. F. McClure,
1310 - 26th St.,
Sacramento, Calif.

Your signature necessary to petition forming Santa Fe Irrigation District. Am coming with petition middle next week. If you will be in Sacramento kindly wire my expense when can see you and where after next ~~week~~ Wednesday

ED FLETCHER

Chg Fletcher Co

CLASS OF SERVICE	SYMBOL
Telegram	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a telegram. Otherwise its character is indicated by the symbol appearing after the check.

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

CLASS OF SERVICE	SYMBOL
Telegram	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a telegram. Otherwise its character is indicated by the symbol appearing after the check.

RECEIVED AT 936 5th ST., SAN DIEGO, CALIF. ALWAYS OPEN.

GSA296 12
FY SACRAMENTO CALIF 20 1235P

1922 OCT 20 PM 12 57

COL ED FLETCHER 224
ANSWER NL 17 SANDIEGO CALIF

HERE INDEFINITELY STOP MR MCCLURE AT HOLLAND SUNDAY-STOP BRING

MRS FLETCHER

MRS MCCLURE.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

October 26, 1922.

Colonel Ed Fletcher,
920 Eighth St.,
San Diego, Calif.

SUBJECT: PROPOSED RANCHO SANTA FE IRRIGATION DISTRICT

Dear Colonel:

I regret time did not permit longer consultation with you last Monday morning concerning proposed Rancho Santa Fe Irrigation District. Expected to take the matter up with you again on the 25th, after my arrival here, but was disappointed because you had already been here and gone.

Are the proponents of this enterprise quite sure than an irrigation district under our Wright-Ridgeford Act is the proper proceeding? I ask this question because of the deep prejudice of the California Bond Certification Commission against projects with few ownerships and scant population. Among the numerous districts now organized are a few lame ducks, and their weakness is attributed to two principal causes:

1. Non-resident ownership, hence lack of interest, and
2. Promotion idea being fathered by few individuals.

The other members of the Commission have declared that proposals of this kind coming before the Commission must be subjected to most severe scrutiny before receiving their O.K.

May it not be better to operate under some other form of organization for a few years?

Very sincerely yours,

M. F. McClure
State Engineer.

*cc Clifton
W.H.
20.8*

WFM:C

October 28, 1922

File 280-13

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

Santa Fe Irrigation District

My dear Mr. McClure:

I thank you for the kindly interest displayed in your letter of October 26th and will take this matter up at once, and will be glad to go into this matter with you the next time we are together.

Yours sincerely,

EF:KLM

(Copy)

State of California

DEPARTMENT OF PUBLIC WORKS

Sacramento

October 30, 1922.

Col. Ed Fletcher,
920 Eighth St.,
San Diego, Calif.

SUBJECT: PROPOSED RANCHO SANTA FE IRRIGATION DISTRICT

My dear Colonel:

I have your short note of October 28 referring to my note of October 26 questioning the wisdom of the organization of an irrigation district to care for the proper water service for the Santa Fe Ranch and lands adjacent.

If you have the opportunity, I suggest you counsel with other proponents of the proposed organization and seriously consider the matter; also consider whether it may not be wise to have some representative appear at the next meeting of the Bond Commission, at 2:00 P.M., November 6; this, of course, in event the idea still be held that an irrigation district is the character of organization desired.

Very truly yours,

W. F. McCLURE

State Engineer.

WFM:C

Original to Mr. Fletcher

November 1, 1922

Mr. W. F. McClure,
State Engineer,
Sacramento, Calif.

My dear Mr. McClure:

I thank you very kindly for interest manifested
in your letter of October 30th, and I have passed your
letter on where it will do the most good.

With kindest regards, I am

Yours sincerely,

BF:KLM

020

Los Angeles, California,
November 3d, 1922.

Mr. W. F. McClure,
State Engineer,
Sacramento, Cal.

Dear Sir:

Colonel Fletcher forwarded to me your letter
to him dated October 30th, suggesting that some repre-
sentative of the proponents of the Rancho Santa Fe Ir-
rigation District appear at the meeting of the Bond
Commission to be held on November 6th, or next Monday.

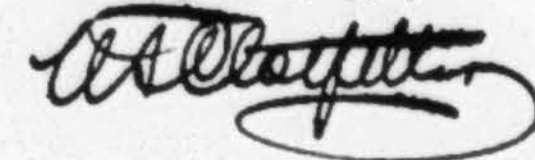
Your suggestion is a good one, I think, but
believe that it is best that Mr. W. E. Hodges be pres-
ent at such conference because he is better informed as
to plans and details than is anyone else.

Mr. Hodges is now in Chicago, but leaves there
for here on November 8th.

In this situation it seems to me that it would
be better to act upon your suggestion at the first meet-
ing of the Bond Commission after that to be held next
Monday, at which time Mr. Hodges could be present and
present the matter to better advantage of all concerned.

Assuming that this will be quite satisfactory
to the Commission we will not be present on November
6th.

Yours very truly,



UTC-I

cc to - E. O. F.
E. F. ✓

280-13

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

December 9, 1922.

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

SUBJECT: PROPOSED RANCHO SANTA FE IRRIGATION DISTRICT

Dear Colonel:

Referring to Mr. Hodges letter of November 3 to yourself, same herewith returned, and our consultation concerning the proposed Rancho Santa Fe Irrigation District, and referring particularly to your expression that Mr. Hodges seemed concerned at my reference to the project as needing very close scrutiny:

I fear I did not make clear in my note just what was in my mind. Mr. Hodges need have no question in his mind as to the financial stability of the project as tentatively presented. When I used the word "scrutiny" it referred only to the adaptability of the Irrigation District Law as a medium of operation for the project as it now stands.

The Irrigation District Law is a machine, or medium, by or through which a number of landowners desirous of clubbing together for the purpose of bringing water on their lands, in order to increase agricultural output, may, with the least expense, accomplish that purpose. Agriculture and agricultural products form the basis of the legislation offering such opportunity. We wish there were a more suitable law for such an enterprise as that of the Rancho Santa Fe.

Anticipating I may not have the pleasure of seeing you again before the Holidays, permit me to send our hearty Christmas greetings.

Very sincerely yours,

M. F. McClure
State Engineer.

WFM:C

mm + 203. Engler.

280-12

San Diego, Cal. December 15 1922

Mr. W. F. McClure,
State Engineer,
Sacramento, Cal.

My dear Mr. McClure:-

The Santa Fe Land Improvement Company officials have just handed me the attached memorandum showing in detail their plans in connection with the utilization of the Lake Hodges water. I think you should have this detailed information in connection with your consideration of the two districts, the San Dieguito and the Santa Fe.

In connection with the latter, I think a copy of the petition has been formally filed with you, it having been published in the Oceanside Blade on the 9th of December and will be published again on the 16th and 23rd.

This petition, as you will note, calls for formal presentation to the Board of Supervisors at San Diego on the 28th. If the Board adopts a favorable resolution to the organization, a copy of the resolution will be forwarded to you as required by law, and I am writing this to ask your prompt consideration and report to the Board in writing as soon as possible. I believe you are entirely familiar with the project and will be able to determine the feasibility thereof as required without undue delay, and I will greatly appreciate your reporting to the Board of Supervisors in time to have it considered by them at their next meeting, which will be January

If there is any other information that you need

12-15-22

from me or from the Santa Fe Land Improvement Company, and will indicate what you desire, it will be furnished you at once.

Yours very truly,

Encl.

Memorandum of Plans for Putting
the Lake Hodges Water to Beneficial Use
- - - - -

The Santa Fe Land Improvement Company will take over all of the properties of the San Dieguito Mutual Water Company, consisting of -

- (a) Lake Hodges Dam and Reservoir
- (b) Conduit connecting Lake Hodges with
- (c) San Dieguito Distributing Reservoir
- (d) All water rights, riparian rights, and rights-of-way owned by the San Dieguito Mutual Water Company.
- (e) Gravity line (not including laterals) now constructed from San Dieguito Distributing Reservoir to Lockwood Mesa, including reservoir and Superintendent's cottage on Lockwood Mesa.
- (f) LaJolla line connecting with gravity line at reservoir on Lockwood Mesa, running to connection with San Diego City line south of Del Mar and serving Del Mar and Henshaw-Fletcher contract.
- (g) Telephone Line.

The S.F.L.I. Company having taken over the above properties will operate them as a private corporation, dealing not direct with the public and having only five contracts.

1. Existing contract between the S.F.L.I. and Henshaw-Fletcher covering delivery of water to San Diego via the gravity line and LaJolla line. This contract calling for 2,000,000 gallons daily with an option on the part of Henshaw-Fletcher to take 3,000,000 gallons when and as required.

2. Delivery contract with South Coast Land Company for not to exceed 725 acre feet annually for Del Mar and other purposes, delivery at one or more points

in the LaJolla line at or near Del Mar.

3. Delivery contract with the San Dieguito Irrigation District (3200 acres) for an amount of water not exceeding 3200 acre feet annually, water to be delivered at the San Dieguito Distributing Reservoir.

4. Delivery contract with the Santa Fe Irrigation District (8374 acres) 5302 acre feet delivered at San Dieguito Distributing Reservoir, the conduit referred to in (b) above, and the gravity line referred to in (e) above.

5. With Santa Fe Railway Company when desired, 56 acre feet for delivery out of the LaJolla line.

The above contracts are based on a net safe yield from Lake Hodges of 10,500 acre feet (when Sutherland Dam constructed) as figured by Mr. J.B. Lippincott, proved by State Engineer, Mr. McClure.

The contract with the San Dieguito District is based on an acre foot of water per acre without deduction for non-arable lands, roads and buildings. The distribution, however, will of course be in accordance with the rules of the District.

The contract with the South Coast Land Company is figured as a straight sale of 725 acre feet to be distributed and disposed of as per the requirements of the South Coast Land Company.

The contract with the Santa Fe Irrigation District is based on an acre foot per acre for arable land and non-arable .25 acre foot per acre, as per quotation below from Table I of Mr. J.B. Lippincott's report, dated September 29th 1922.

"Requirements Proposed Santa Fe Irrigation District (8374 acres)

Area within Santa Fe Ranch:

	(1)
3959 Ac. Arable x 90% x 1.00 ac.ft. -	3569 ac.ft.
	(2)
2379 Ac. Non-Ar. x 75% x .25 ac.ft. -	<u>446 ac.ft.</u>
	4009 ac.ft.

Syndicate Lands on Lockwood Mesa to be included:

	(1)
1278 Ac. Arable x 90% x 1.00 ac.ft. -	1151 ac.ft.
	(2)
758 Ac. Non-Ar. x 75% x .25 ac.ft. -	<u>142 ac.ft.</u>
	1293 ac.ft.

	4009 ac.ft.
	<u>1293 ac.ft.</u> - 5302 ac.ft."

The disposition of the net safe yield is therefore as follows:

Safe available water supply		10500 ac.ft.
Santa Fe Irrigation Dist.	5302	
San Dieguito " "	3200	
Del Mar	725	
Santa Fe Railway Co.	<u>56</u>	9283
Surplus Supply		<u>1217</u>

The contract with Henshaw-Fletcher for the City of San Diego is eliminated from the above figures, because until Sutherland Dam is built both Mr. Lippincott and the State Engineer give the net safe yield of Hodges as 15,000 acre feet and the S.F.L.I. is protected in its supply of 3,000,000 gallons until Sutherland is built, and thereafter by a certain contract entered into with the San Diego County Water Company providing that if and when Sutherland is built 3,000,000 gallons will be delivered into the San Dieguito Reservoir out of the Sutherland Dam during the life of the contract with Henshaw-Fletcher.

As to the 1217 acre feet surplus supply as shown above; it is proposed eventually to include within the Santa Fe Irrigation District additional lands on the Coast between Del Mar and Cardiff, bringing the total acreage up to 9650 acres, and on the same basis of water duty as provided in the original Santa Fe Irrigation District will require 6107 acre feet, and the S.F.L.I. Co. is prepared to contract for this additional water when and as required.

This will bring the total acre feet under proposed contracts to 10,088 and will then leave a surplus of 412 acre feet out of the 10,500, for which no present disposition has been provided.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

December 16, 1922.

Colonel Ed Fletcher,
920 - Eighth Street,
San Diego, Calif.

SUBJECT: SAN DIEGUITO IRRIGATION DISTRICT, ETC.

Dear Colonel:

First: Thank you for forwarding note from yourself to me addressed to Barbara Worth Hotel, written December 4, 1922, together with newspaper comment on Colorado River Compact.

Second: Responding to yours of December 12: The matter of the selection of a successor to Mr. Fletcher as Director, as far as I have heard, remains just as it was when in consultation with you at the first of the month.

Third: And at this time perhaps the most important of all, - viz: San Dieguito Irrigation District: During my last visit in San Diego, Mr. King, engineer for the District, stated to me that the outline of agreement as urged by myself in relation to the period of time within which the District should pay a stipulated figure of \$41,000, plus, per annum, had been turned down by the controlling minds, the Santa Fe people, residing in Chicago.

I am sure you are convinced that I am very eager to aid in a speedy solution of the problem of placing water upon this District, but I again express my fear that to impose on the District the payment of the above mentioned amount for water at the end of five years might be disastrous.

During meeting of the Bond Commission Thursday in San Francisco, the matter was discussed for the third or fourth time and it was decided that communication be sent your good self with the suggestion, or perhaps the request, that you appear in person at the next meeting of the Bond Commission on the 28th of December, with authority, if possible, to speak for the District.

Wishing you and yours all the joy and pleasure of a happy Christmas, believe me to be

cc. Hodges
Faulkner
Clotfelter
Engel
Keefe

Very truly yours,

M. F. McClure
State Engineer

WFM:C

280-13
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF ENGINEERING
AND IRRIGATION

December 18, 1922.

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

SUBJECT: PROPOSED SANTA FE IRRIGATION DISTRICT

Dear Colonel:

Just now in possession of your letter of December 15 containing a memorandum indicating in detail the plan of the Company for the utilization of water from Lake Hodges dam.

Thank you for this memorandum. We need it, of course.

Concerning added information, we should have a contour map of the territory proposed to be included within the district. Will be pleased also to have a map of the subdivision as proposed by your expert Engineers.

Petition referred to received this morning from Mr. Clotfelter.

I think it quite likely that I shall make personal examination of the land proposed to be embraced in greater detail than I have ever had the privilege of doing. You may rest secure, however, in that my report as to feasibility and recommendation for organization will not be unduly delayed.

Very sincerely yours,

M. F. McClure
State Engineer.

WFM:C

280-13
2276

December 28, 1922.

Mr. W. F. McClure, State Engineer,
Department of Public Works,
Sacramento, California.

Dear Mr. McClure:

I met Mr. Hodges and Col. Ed. Fletcher this morning in San Diego, at which time Col. Fletcher gave me a copy of your letter of December 18th, stating that you would want a contour map of the territory proposed to be included in the Santa Fe Irrigation District. Also, map of subdivision as proposed by engineers.

I am enclosing herewith map marked #1, showing the outline of the proposed Santa Fe Irrigation District on a scale of 1" to 2000 feet. The Rancho San Dieguito is owned by the Santa Fe Land Improvement Company and the other ownerships are indicated on the map.

I am also enclosing map marked #2, in red, showing the proposed distribution system of the Santa Fe Irrigation District, showing main lines to the Lockwood Mesa portion of the District, and the laterals and distribution system for the Santa Fe Ranch portion of the District. This map is also on a scale of 1" to 2000 feet.

Also, map marked #3, which is a contour map of Lockwood Mesa, showing the boundary of the proposed Santa Fe Irrigation District, in red.

Also, white print of contours on Santa Fe Ranch with the boundary of the proposed District shown in red. This is marked map #4.

Also, map #5 which shows the proposed subdivision of the Santa Fe Ranch portion of the District

with the outline of the proposed District shown in red.

You are familiar with the source of supply for the water for this District, which is to come from the Lake Hodges System. Mr. J. B. Lippincott, 1104 Central Building, Los Angeles, is consulting engineer for the District. Mr. U. T. Clotfelter, Kerckhoff Building, Los Angeles, is the attorney advising on the formation of the District. It is my understanding that Col. Fletcher is forwarding you this afternoon a copy of the petition for the formation of the District, approved by the Board of Supervisors of the County of San Diego this morning.

If there is any additional information which you may require, I will be very glad to furnish same.

Very truly yours,

Resident Engineer.

KQV BK

P.S. Best wishes for a prosperous New Year.

December
Twenty-eighth
1922

Mr. W. F. McClure,
State Engineer,
Modesto, California. c/o Modesto Hotel.

My dear Mr. McClure:

Confirming my telephone, the Board of Supervisors this morning approved the formation of the irrigation district and by special delivery have sent to you on the three o'clock train a copy of the resolution adopted by them today as required by Section 2 of the California Irrigation Act.

Before the Board of Supervisors can take further action in the matter it must have a report from you as to the feasibility of the project proposed to be undertaken. When such report from you is received the Board cannot take any further action until "at its first regular meeting after the receipt of the report from the state engineer".

The next regular meeting of the Board is to be held on January 2d, 1923; after which there is no regular meeting until January 28, 1923.

You will see that unless you can get your report into the hands of the clerk of the Board of Supervisors before Jan. 2d, 1923, the project must necessarily be delayed practically one whole month.

All concerned in the matter are exceedingly anxious to avoid this delay.

You are already very familiar with the matter and I am sure that you agree with me that the project is entirely feasible - so much so that it is not necessary for you to go upon the ground and make an examination.

Mr. DeMotte will meet you at the Modesto Hotel Modesto, Calif. tomorrow and you will very greatly oblige all concerned and very materially assist in a much needed development of this county if you can let him have, to bring back with him for delivery to the clerk of the Board of Supervisors, a letter in the form of the following:

-2-

To the Honorable, the Board of Supervisors
of San Diego County, California
San Diego, California.

Gentlemen:

In the matter of the petition proposing the formation of an irrigation district in your county under the name of "Santa Fe Irrigation District" under the provision of the California Irrigation District Act, now pending before your Honorable Body, beg leave to report:

That I am familiar with the said project; and that in my opinion it is feasible and practical and that there is water available to carry out the plans and purposes of the district when organized.

Yours very truly,

Hoping that you can meet our wishes in this matter, for it is highly important that we get quick action, and thanking you in advance for your consideration,
I am

Yours very sincerely,

EF:KLM

CLASS OF SERVICE	SYMBOL
Telegram	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a telegram. Otherwise its character is indicated by the symbol appearing after the check.

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

CLASS OF SERVICE	SYMBOL
Telegram	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a telegram. Otherwise its character is indicated by the symbol appearing after the check.

RECEIVED AT 936 5th ST, SAN DIEGO, CALIF. ALWAYS OPEN.

GSB898 67 2 EXTRA COLLECT NL

MODESTO CALIF 29

1922 DEC 29 PM 10 46

COL ED FLETCHER

960 8 ST SANDIEGO CALIF

WILL DO MY BEST TO MEET YOUR MOST EXTRAORDINARY PROGRAM AND REQUEST BUT WILL NOT MAKE REPORT WITHOUT FURTHER INVESTIGATION STOP COPY RESOLUTION NOT RECEIVED AND DEMOOTE GOING TO SACRAMENTO FOR IT STOP AM CUTTING ENGAGEMENTS AND HOPE TO BE ON THE GROUND JANUARY FIRST AND SECOND STOP SUGGEST YOU ARRANGE FOR SUPERVISORS TO BE IN SESSION UNTIL LATE IN AFTERNOON OF THE SECOND

W F MCCLURE STATE ENGINEER.

Handwritten: 10
78
Change

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

CLASS OF SERVICE DESIRED	
Telegram	
Day Letter	<input checked="" type="checkbox"/>
Night Message	
Night Letter	

Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM

Receiver's No.
Check
Time Filed

Send the following message, subject to the terms on back hereof, which are hereby agreed to

Oct. 19, 1923

Mr. W. F. McClure,
1310 - 26th St.,
Sacramento, Calif.

Understand Henshaw interests made application divert Sutherland water to Santa Maria Valley Kindly find out are they standing on their original water filings of nineteen twelve or thirteen or are they filing new application under water commission act recognizing state ownership of water Wire my expense and information obtainable and oblige

ED FLETCHER

Chg Fletcher Co.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

October 19, 1923.

Col. Ed Fletcher,
San Diego, Cal.

My dear Colonel:

Received this afternoon wire from you reading as follows:

"Understand Henshaw interests made application divert Sutherland water to Santa Maria Valley. Kindly find out are they standing on their original water filings of nineteen twelve or thirteen or are they filing new application under Water Commission Act recognizing state ownership of water. Wire my expense any information obtainable and oblige."

Have just made answer as follows:

"Answering wire even date there is no application with Division of Water Rights to divert proposed Sutherland storage on Black Canyon Creek to Santa Maria Valley. Your application five six seven Black Canyon Creek was for power purposes only. Permit eleven naught nine was granted on your application five six seven and records indicate both application and permit recently assigned to Wm. G. Henshaw."

Upon my request, Mr. Ed Hyatt, Jr., searched the records and gave me the enclosed memorandum.

Trusting this answers your queries satisfactorily, believe me to be

Very sincerely yours,

M. McClure
State Engineer.

Enc.

MEMORANDUM

To Mr. McClure:

There is no application on file with the Division of Water Rights to divert the proposed Sutherland storage on Black Canyon Creek to Santa Maria Valley.

Ed Fletcher had an application, Number 567, on Black Canyon Creek for power purposes only. Permit Number 1109 was granted on this application and the application and permit have recently been assigned to William G. Henshaw.

Correspondence in the file from Mr. Fletcher indicates that he was standing on filings made prior to the Water Commission Act for the use of Sutherland water for agricultural purposes, but as stated above, no application of any kind has been received for the use of this reservoir for agricultural purposes or for diversion into the Santa Maria Valley.

E. Hyatt Jr.
Deputy Chief of Division.

October 19, 1923.

San Francisco, California.
November 7, 1923.

W. F. McClure, State Engineer,
Forum Building,
Sacramento, California.

Dear Mr. McClure:

You will be glad to know that Lloyds of London have paid you a great compliment. They have agreed for 75¢ a \$100.00 to insure both Murray Dam and Lake Hodges against earthquake, flood, mischievous damage, or collapse -- the cheapest insurance that has ever been offered in this State. Congratulations.

Very truly yours,

EF:RH

Copy

January 5, 1925.

Mr. H. D. Hansen,
1820 West 1st St.,
Los Angeles, California.

Dear Sir:

Answering your inquiry as to the availability of the water supply for the irrigated lands within the boundaries of the San Dieguito Irrigation District.

This office first made a thorough investigation and satisfied itself that the land is fertile and susceptible of irrigation.

We next examined the water supply and contracts existing between the district and the water company and found that said contracts fully protect the interest of the district and intending investors, both as to quantity and price. Later, the California Bond Certification Commission made its own investigation and then certified the bonds of the district.

I believe that the lands within the boundaries of the San Dieguito Irrigation District are fully protected under the contract for water.

Yours very truly,

State Engineer.

Miss May:

This is a very important letter from McClure. I might want to use it in my literature later on.

E. F.

File McClure

CLASS OF SERVICE DESIRED	
TELEGRAM	
DAY LETTER	X
NIGHT MESSAGE	
NIGHT LETTER	
Patrons should mark an X opposite the class of service desired: OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL RATE TELEGRAM	

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Form 1206 A

NO.	CASH OR CHG.
CHECK	
TIME FILED	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

May 29, 1925.

Mr. W. F. McClure,
1047 - 47th St.,
Sacramento, Calif.

Mayor Bacon today told me he had written Brundige stating he saw no reason why Cuyamaca System should not be sold to district Urge Bond Commission to make this request also of Railroad Commission

ED FLETCHER

Chg Cuyamaca Water Co

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

June 4, 1925.

Col. Ed Fletcher,
920 8th St.,
San Diego, Cal.

Dear Colonel:

The enclosed copies of telegrams will need no explanation.

Do not lose hope.

Very sincerely yours,

W. F. McClure
State Engineer.

*copies of telegrams in
"History"
McClure to Bacon
Bacon to McClure*

*gals: h...
...
...
McClure: ...
...
...*

2 copies in Mr. McClure's office

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

June 24, 1925.

Col. Ed Fletcher,
920 8th St.,
San Diego, Cal.

SUBJECT: CITY OF SAN DIEGO vs. LA MESA, LEMON GROVE, and
SPRING VALLEY IRRIGATION DISTRICT.

Dear Colonel:

Concerning our recent conversation relative to communications between this office and Mayor Bacon of San Diego and others, I place in type the following notes in order that you may have a running history of my connection with the proceedings.

No need to have mentioned the interest of Mr. Claus Spreckels in the outcome of the controversy as I was already aware of his keen interest and his desire that the matter be amicably and speedily settled.

Having been advised by Mr. King of the lack of progress in the matter of agreement being reached between the officers of the City and the Directors of the Irrigation District, I wired Mayor Bacon on May 11th as follows:

"Mayor John L. Bacon,
San Diego, Cal.

"In matter La Mesa District San Diego City negotiations, please call attention City Council to obligation California Bond Certification Commission in that it must report in writing upon essential matters particularly quote the supply of water available for the project and the right

Col. Ed Fletcher---#2

of the district to so much water as may be needed close quote and emphasize that no irrigation district has heretofore attained over seventyfive per cent full development within ten years stop Notwithstanding this fact for protection of securities Bond Commission must be able to make statement as above quoted."

W. F. McClure
State Engineer."

Subsequent to sending the wire, I sent Mayor Bacon a note by mail, as follows:

"May 11, 1925.

"Hon. John L. Bacon,
Mayor,
San Diego, Cal.

"Dear Mayor Bacon:

Learning through a telephone call this afternoon from someone concerning the situation in the matter of the long drawn out contest - City of San Diego - La Mesa District, I have wired you as per enclosed wire.

I regret that in this instance we are not able to deal with you direct instead of so many men of such different minds.

Very sincerely yours,
W. F. McClure,
State Engineer."

On May 18th I wired Mr. King as per the following language:

"Thos. H. King,
920 8th St.,
San Diego, Cal.

"Due San Diego one P.M. Wednesday twentieth. Please reserve room Hotel San Diego and notify interested parties.

W. F. McClure,
State Engineer."

Col. Ed Fletcher--#3

On the same day I received from Mayor Bacon a telegram, of which the following is a copy:

"San Diego, May 18, 1925.

"State Engineer W. F. McClure,
Sacramento, Calif.

"Would appreciate a conference with you on your next trip to San Diego in connection with San Diego River and Irrigation District agreement. Would be glad if you could name a date.

John L. Bacon, Mayor."

In answer to the Mayor's telegram, I wired as follows:

"May 19th, 1925.

"Mayor J. L. Bacon,
San Diego, Cal.

"Two o'clock tomorrow May twentieth Hotel San Diego.

W. F. McClure,
State Engineer."

On May 18th, in addition to the telegram from Mayor Bacon, he wrote me as follows:

¹⁹²⁵
"May 18th, 1925.

"Mr. W. F. McClure,
State Engineer,
Sacramento, California.

"Dear Mr. McClure:

I have received your telegram of May 11th and also your letter confirming it. I regret very deeply that things have come to such a pass in connection with the water agreement. I cannot determine exactly what plan the Councilmen have in mind and feel as much at sea as anyone.

Mr. Rhodes proposed to settle the difficulty by giving the district the amount of water they are now using with an additional amount of one-third of the water developed on the river in the future. That is, we would give them one million gallons daily for every three million gallons developed. This did not meet with much consideration

Col. Ed Fletcher--#4

although personally I believe it would meet the anticipated demands of the district.

I have not yet given up hope, particularly in face of the fact that the citizens of San Diego seem strongly in favor of some kind of water agreement.

Very sincerely yours,
John L. Bacon,
Mayor."

I arrived at San Diego at 1:00 P.M. May 20th, and as per telegram to the Mayor met him and Mr. Rhodes at 2:00 P.M. During that discussion the Mayor and Mr. Rhodes outlined more in detail than I had been advised of, Mr. Rhodes' modification of the agreement reached between the City and the District before the Railroad Commission in San Francisco, namely, that two-third of the waters of the San Diego River be the property of the City, the Irrigation District to continue its present source of supply and be allotted one-third of additional water to be developed by the City until it should have 8,000,000 gallons daily.

I expressed satisfaction with the plan, and following the discussion with these two gentlemen, Councilmen Weitzel and Bruschi called on me, and upon my stating to them the consultation which I just had with Mayor Bacon and Mr. Rhodes, they expressed satisfaction with the terms and the desire that it be put into effect.

On May 21st and 22nd I had further consultation with Mayor Bacon in his office, and with Mr. King in his office concerning the same matter.

Col. Ed Fletcher----#5

On Saturday, the 23rd, in company with Mr. King, I visited the Board of Directors' Room of the La Mesa, Lemon Grove and Spring Valley Irrigation District, all of the directors being present. At this meeting the Board of Directors agreed to leave the amount of the water supply of the district to Mr. King and myself.

On the morning of May 25th I telephoned Mayor Bacon anticipating further conference concerning the situation, and his Secretary answered that he would probably be in soon and would call me. I remained in my room at the Hotel San Diego until nearly train time and feeling that I would not have audience with him on that day, wrote him a note as follows:

"San Diego, Cal.
May 25, 1925.

"To the Honorable John L. Bacon, Mayor,
City Hall,
San Diego, California.

"Dear Mayor Bacon:

In the matter of the La Mesa Irrigation District and the City of San Diego water controversy:

I see no reason why the San Francisco agreement may not be adhered to, replacing the "reasonable amount" of water referred to in that agreement by Mr. Rhodes "one-third - two-thirds" plan; the District to enjoy its present sources of supply until El Capitan Reservoir water become available, at which time the District to get one-third of the added supply from the San Diego River as developed by the City until the estimated eight million gallons daily be available for the District.

I will recommend such procedure to the California Bond Certification Commissioner, and to the

Col. Ed Fletcher--#6

State Railroad Commission.

Very truly yours,
W. F. McClure,
State Engineer."

On the 26th of May from our Los Angeles office I wrote Mr. Fred Rhodes as follows:

"818 Pacific Finance Bldg.,
Los Angeles, California.
May 26, 1925.

"Mr. Fred Rhodes,
City Manager,
City Hall,
San Diego, California.

"Dear Mr. Rhodes:

I sat in the San Diego Hotel yesterday from 7 o'clock in the morning until 1:45 in the afternoon, expecting a call from Mayor Bacon, concerning water matters. About 1 P.M., not having heard from the City Hall, I addressed a note to the Mayor and mailed it.

Just preceding my leaving the Hotel for the train and upon returning the key of my room to the desk, I was handed the inclosed blue slip, indicating a telephone call had been made by yourself at 11:15 A.M.

Sorry did not get the notice and have short consultation with you. However I do not know that any additional information might have been given and I do not understand why there should be any halt on proceedings.

Inclosed find copy of note to Mayor Bacon.

If I may be of any service to you, please call on me.

Very truly yours,
W. F. McClure
State Engineer."

On the 3rd day of June, I called at the Railroad Commission office and had a short consultation with President Brundige, and on June 4th I wired Mayor Bacon as follows:

Col Ed Fletcher----#7

"June 4, 1925.

"Hon. John L. Bacon,
Mayor, City Hall,
San Diego, Cal.

"Do you know of any reason why the State Railroad Commission may not now render a decision on the application of the Cuyamaca Water Company to sell its property to the La Mesa, Lemon Grove and Spring Valley Irrigation District.

W. F. McClure,
State Engineer.

On the same date I received a reply from the Mayor in the following language:

"San Diego, Calif. June 4, 1925.

"W. F. McClure,
State Engineer, Sacramento, Calif.

"Replying your telegram City has filed official objection believe pending litigation or agreement should be first settled personally believe irrigation district nothing to gain or City little to lose if application approved now.

John L. Bacon."

I think this gives a close running history of my connection with the affair until my visit last week to Santa Ana and San Diego.

With the authority of the Railroad Commission for the transfer of the Cuyamaca Water System to the Irrigation District, it appears to me that all reference to and influences centering about personal differences as between the members of the City Council and yourself should be forgotten. It is no longer a matter of San Diego vs. Fletcher, but San Diego vs. La Mesa, Lemon Grove and Spring Valley Irrigation District, a neighboring community, and one which should subsequently become

Col. Ed Fletcher--#8

an integral part of the City.

I trust that the litigation now in process at Santa Ana may be speedily brought to an end and peace be declared. Present conditions appear too much like a father mistreating a member of his own family.

Very sincerely yours,


State Engineer.

CC: Mayor Bacon
Mr. Fred Rhodes

Water History
2

July 28, 1925.

Mr. W. F. McClure,
1047-47th Street,
Sacramento, Calif.

My dear Mr. McClure:

Confirming telegram, will say the directors thought that they had to have quick action so they are calling a meeting tonight. Judge Sloane and a committee from the Santa Fe District, including Conner, a director, are going up to have a conference with the directors of the San Dieguito District.

Inclosed find interview from Spreckels. The Treanor crowd are foxy. Thru Santa Fe influence they have elected Treanor's attorney, Senator Wright, who is now the attorney for the Santa Fe District instead of Sloane, and they control two votes out of three in the Santa Fe District, with the result that it keeps the Santa Fe District from fighting this proposition. They are also moving heaven and earth to bring influence to bear on the San Dieguito District to keep them quiet, and are promising both districts a perpetual contract.

Senator Wright has written a letter to the Santa Fe District agreeing to submit a new contract at its next meeting, but we are scared to death of it all. Let the City once get hold of the Lake Hodges system, and they will by litigation and friction cause endless trouble.

Inclosed find copy of article that I have given the San Diego Sun today at the request of the Sun.

Has not the State of California the right to intervene and protect the bonds of the District?

It would seem to me that Spreckels is so wild over the \$600,000 verdict at Santa Ana that he comes out point blank and says, "let us buy the Lake Hodges system and litigate for ten years on the San Diego River".

-2-

Will write you the results of the meeting tonight.

When are you intending to come south, in any event?

Mr. Ira Conner of the Santa Fe District says he is helpless as the other two directors of the district are in the Santa Fe Rancho, but he is anxious to have a conference with you the next time you are down.

Just how far the Senator Wright influence has gone with the San Dieguito District will be shown up at tonight's meeting.

Thanks for your telegram of the 25th.

With kind regards,

Very sincerely yours,

ED FLETCHER

EF:AH

File District

At San Diego, California.

[6 AUG 1925]
CSM

To the Board of Directors of the

La Mesa, Lemon Grove & Spring Valley Irrigation District:

In the matter of the terms now pending in the negotiations between the La Mesa, Lemon Grove and Spring Valley Irrigation District and the City of San Diego, concerning waters of the San Diego River, and referring in this communication only to the amount of said waters which shall be allotted to said Irrigation District, the writer of this communication approves that portion of said pending agreement referring to the quantity of water and its use and to the assurance of protection of the rights of the said District to said waters as set forth in Paragraphs Six, Seven, Eight and Nine of said agreement, as reached between the agents of the city and the representatives of the Irrigation District on this sixth day of August, 1925.

W J McClure

State Engineer and Member of the
California Bond Certification
Commission.

[copy, w/ report, filed w/ LM, LG, SV
CORRES]
CSM

November 10, 1925.

Board of Directors,
La Mesa, Lemon Grove and Spring Valley Irrigation Districts,
La Mesa, Cal.

Dear Sirs:

I will be eager to learn the result of advertising for bonds yesterday.

Enclosed herewith please find copy of letter just received from J. R. Mason & Co. of San Francisco. You will be interested, I am sure, in the repetition by Mr. Mason of the same arguments the State Engineer has been making for years past, and which arguments had the hearty support of every member of the California Bond Certification Commission.

Very truly yours,

State Engineer.

Copy - Stern

J. R. MASON & CO.
Government & Municipal Bonds
Merchants Exchange Building
San Francisco

November 9, 1925.

Hon. W. E. McClure, State Engineer,
Sacramento California.

Dear Mr. McClure:-

Thank you for your wire, reading as follows:-

"Am convinced you are fully warranted in bidding good figure for La Mesa Lemon Grove and Spring Valley Irrigation District bonds without imposing conditions because security is abundant even though the project should not succeed in securing all the water needed for whole district."

I had understood that, in your opinion, the security back of these bonds would be unquestionable, irrespective of the outcome of any present or threatened litigation between the District and the City, but the psychological effect on investors of any litigation has never been known to increase the demand for bonds, and we were, of course, anxious to avoid any possibility of a second Lindsay-Strathmore market situation.

I have repeated your telegram to Mr. Neale, who is at present at La Mesa, I know that we are bidding subject to the pending litigation between the District and the City being settled or compromised to the satisfaction of our attorneys, as we agreed in our last talk over long distance would be a desirable protective clause from our standpoint.

Also, Mr. McClure, you appreciate, of course, that if these were ordinary bonds, being issued by say a mutual water company, there would be no likelihood of certain interests going out of their way to point out to investors the presence of any litigation, as witness the ignorance of most investors regarding the important litigation between the Southern California Edison Co. and those Fresno parties - I believe - the Herminghaus heirs.

When the San Francisco newspapers, a few months ago, reported the decision of the Court, which was mentioned as a "\$400,000,000 tie-up" for the Southern California Edison Co., the news item appeared in small type, on the same page and alongside of the death notices.

If this had been litigation unfavorable to an irrigation district, almost no matter how small or unimportant, isn't it more than likely that it would have been given prominent place, or second page display?

Mr. W. E. McClure -#2

The last election in the City of Los Angeles, when the Colorado River was, I understand the main and determining issue, and the outcome of our last election here, where unquestionably municipal distribution of Hetch-Hetchy power was the deciding issue, would seem to indicate an encouraging awakening on the part of the people to the importance of water in California, and, of course, the more interest that can be aroused in this subject, the more certain it is that future California irrigation districts will be able to finance themselves at rates of interest more nearly in line with what they should be entitled to.

There can be little question but that a District like the Merced Irrigation District, for example, should be entitled to borrow ~~more~~ money more reasonably than any political sub-division within the corporate limits of the Merced Irrigation District, and I have long believed and hoped would some day see the time when the high-grade California irrigation district bonds would command a market value at least on a parity with the market value of cities, towns and school districts located within and constituting a part of said irrigation districts, for purposes of taxation.

For years, the numerous State boards which have occasion to invest different State funds in Bonds, have been selecting, for example, bonds of the City of Modesto, Turlock, Oakdale, Merced, etc., as well as many issues of School District bonds of districts located within Irrigation Districts, and, at the same time, have, for no good reason that I have ever been told, flatly refused to consider an investment in the bonds of the larger political subdivisions which have been investigated and approved by the State Bond Commission as a legal investment for such funds.

I have heard it said, on more than one occasion, that these State funds are invested in California city, town and school district bonds frequently to assist small communities in obtaining needed and desirable public improvements.

I wonder if they have ever considered how many cities, towns or school districts there would be any occasion for in the Imperial Valley, for example, if the Imperial Irrigation District were to fail and its irrigation works cease to function?

I recall, as though it were yesterday, the City of Tracy, in 1907, advertised and offered for sale \$10,000 of City Hall bonds. Practically all the dealers passed those bonds up, on the ground that Tracy was just a railroad junction, and that the surrounding land was not diversified farming land. It was only with considerable difficulty that Tracy was able to borrow the \$10,000 to build a city hall in those days.

Mr. W. F. McClure-#3

Since then, as you know, Irrigation districts have been organized, and the lands around Tracy are now mostly under irrigation. Tracy, today, has outstanding around \$200,000 of City bonds, and \$200,000 of school bonds, and I dare say that the California State Board of Control would not hesitate to O.K. an investment in City of Tracy, or Tracy School District bonds. If, however, the surrounding irrigation districts should fail, and their irrigation works cease to function, it would only be a short time until Tracy's "back country" would be no better than it was in 1907, when Tracy, only with considerable difficulty, was able to borrow \$10,000.

The different State Boards and Commission members, with whom we have endeavored to discuss this subject, seem to prefer not to discuss it and advise that it is not the policy of their Board of Commission to invest any of their funds in Irrigation District bonds.

It is not that we have any bonds which we are anxious to sell to the State, but it has long seemed to me that this policy is neither constructive nor good business on the part of the State of California.

Have you received a copy of the Commonwealth Club's Irrigation Section, conclusions on - "Is Irrigation over-developed in California?"

Mr. Fred H. Tibbetts of the Alaska Commercial Bldg., San Francisco is Chairman of the Committee, and will, I am sure, be glad to supply you with a copy on request.

Thanking you for your wire, and with sentiments of high esteem, believe me

Cordially and sincerely yours,

J. R. Mason.

JRM ELF

November 28, 1925.

Mr. H. A. Hall,
Bank of La Mesa,
La Mesa, Cal.

Dear Mr. Hall:

I have yours of November 25th referring to Col. Fletcher's talk with you on the morning of the same date, particularly with reference to the question of whether the bonds of your District will be taken by the Huntley organization.

I had consultation with Mr. Mason two or three days after the receipt by yourself of proposals for the purchase of bonds, and I gathered from his conversation that he rather regretted he had not bid a larger figure. I think it not improbable that the expression of Col. Fletcher to yourself concerning what may be done with the bonds in event the syndicate fails to make good within the period prescribed, may have reference to Mr. Mason and some suggestion or some confidential understanding between the two. This is only guess work.

Regret I am unable to assist you in any manner in arriving at any conclusion, but still hold the idea that no expert opinion from any firm of engineers is needed in the premises, and that you may fare better if the Huntley Syndicate does not make good.

I am sending a copy of this letter to Col.

Mr. H. A. Hall--12

Fletcher so we may all understand each other.

The idea expressed by Judge Sloane that it would be better to advertise again is, I think, open to question. If advertisement has once been resorted to, and, if at the discretion of the Board of Directors none of the proposals received are acceptable, said Board is free to reject all proposals and make private sale. This course has been followed in a great many instances during the past eight or ten years.

Inasmuch as I am sure that Col. Fletcher will be willing that I should be consulted in this matter, therefore am sending copy of this communication to him.

Very sincerely yours,

State Engineer.

copy - Mr. Stern

Oceanside, Cal.----Irrigation----

W. F. McClure, state engineer, Sacramento, completed surveys and submitted report to Water Commission for San Luis Rey Irrigation project to embrace 43,000 acres between Oceanside and Escondido by diversion of water from San Luis Rey River at Werner dam. Project involves construction of 33 miles of concrete conduits and pipe lines to cost \$1,106,732; multiple arch concrete dam 120 feet high and 550 feet long, \$214,715; concrete distributing system containing some steel, \$310,546.

Where did this mix originate?

Ed Fletcher Papers

1870-1955

MSS.81

Box: 17 Folder: 26

General Correspondence - McClure, Mr. and Mrs. W.F.



Copyright: UC Regents

Use: This work is available from the UC San Diego Libraries. This digital copy of the work is intended to support research, teaching, and private study.

Constraints: This work is protected by the U.S. Copyright Law (Title 17, U.S.C.). Use of this work beyond that allowed by "fair use" requires written permission of the UC Regents. Permission may be obtained from the UC San Diego Libraries department having custody of the work (<http://libraries.ucsd.edu/collections/mscl/>). Responsibility for obtaining permissions and any use and distribution of this work rests exclusively with the user and not the UC San Diego Libraries.