

OFFICE
MANAGER OF OPERATION
CITY OF SAN DIEGO, CALIF.

June 8, 1915

Col. Ed Fletcher, Mgr.,
Cuyamaca Water Co., City.

Dear Sir:

Acting under instructions from the Common Council, I hereby notify you that you can turn the Cuyamaca Water, to the extent of 2,000,000 gallons per day, into the mains of the City of San Diego, beginning with today, June 9, 1915, you to assume all the responsibility.

I am informed by the Auditor that there is no authorization to make this expenditure, and no provision in the budget allowing us to buy water with Water Department funds, and the City Attorney informs me that such expenditure should be made from the Water Fund.

Respectfully,

(Signed) F. M. LOCKWOOD
Manager of Operation.

FML/L

F. M. Lockwood
Manager of Operations
City Hall

John L. Bacon
Asst. Mgr. Operations
City Hall

Office
Manager of Operations
City of San Diego, California

June 9, 1915.

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Respectfully,

(Signed) F. M. LOCKWOOD
Manager of Operation.

FML/L

Copy-MMS

November 20, 1915

Mr. F. M. Lockwood
Mgr of Operations,
City of San Diego, Cal.

Dear Sir:-

I have recently been checking up the matter of collections for the first 9 months of this year and find that this Company has failed to collect approximately 4% of the total revenue which we should have received.

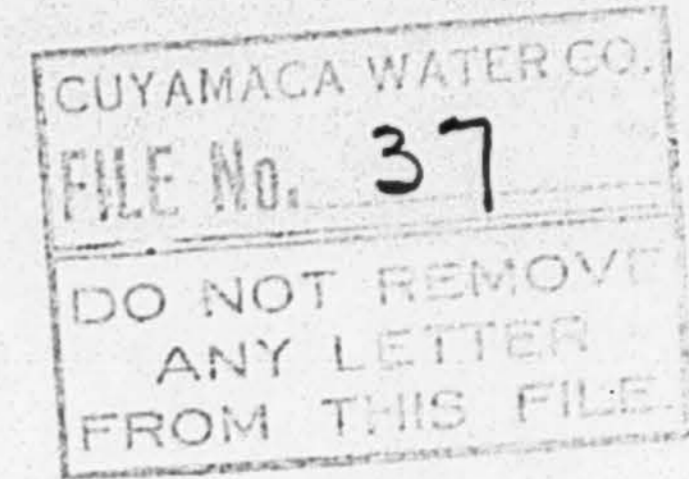
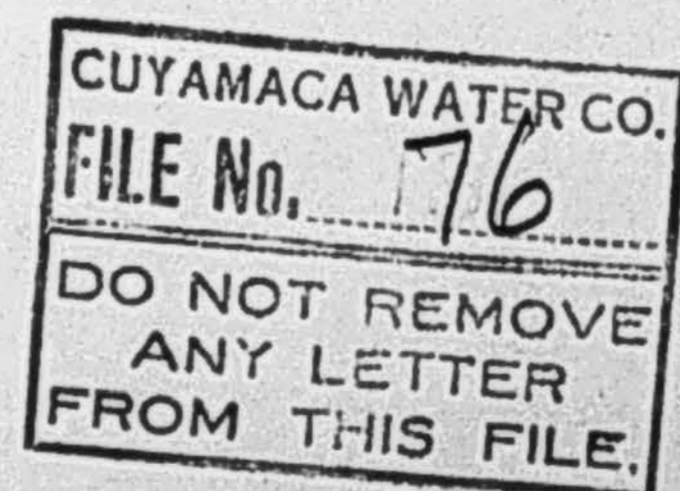
Can you give me any information regarding the percentage the City Water Department loses through failure to make collection?

If you can furnish the information, I will regard it as confidential and will not allow it to go out of this office.

Yours very truly,

Assistant Manager.

FMF-Y



Dec. 14, 1915.

Mr. Frank M. Lockwood,
City Manager,
San Diego, Calif.

Friend Lockwood:

Enclosed find copy of letter sent to the Council, today. I sincerely hope that you can see your way clear to recommend the saving of our surplus water which would otherwise go to waste.

Yours very truly,

CUYAMACA WATER COMPANY.

Manager.

EF-S

February 7, 1916.

Mr. F. M. Lockwood,
Manager of Operations,
San Diego, Calif.

Dear Sir:

We are now delivering approximately 4,000,000 gallons of water daily to the City of San Diego. We have turned in no water from Murray Hill Reservoir. We are of the opinion that we can deliver approximately 5½ or 6 million gallons daily, if we can borrow from you approximately 1500 feet of pipe.

We will haul the pipe, install it at our own expense, take it up and re-deliver it to you without any expense to you, when the emergency is over. Can you make arrangements for the loan of this pipe?

If you desire to loan the pipe, have you an emergency crew that can immediately install same. If so, we will pay for all costs of installation, providing we cannot do it ourselves. The main thing is to get it down at once, and I thought that you might have a crew that you could put right to work.

Yours very truly,

CUYAMACA WATER COMPANY,

Manager.

F-S

102

Feb. 8, 1916.

Mr. F. M. Lockwood,
Manager of Operations,
San Diego, Calif.

My dear Mr. Lockwood:

We have turned so much water into our pipes that if the city for any reason should shut off the water either at Boundary St. or Anna St., the head would no doubt cause considerable damage to our pipe lines. For that reason, if at any time you desire the water shut off, please let us first shut our gates at La Mesa, so as to relieve the pressure on our pipes.

You can either notify this office through Mr. Faude, or Mr. C. Harritt, phone La Mesa 48 J 2, or Home phone La Mesa 28-71, or Mr. Porter, Flume Line 302, La Mesa, and the water will be shut off immediately.

In a few minutes after shutting off the gates at La Mesa you can shut off your gates at any of the meters.

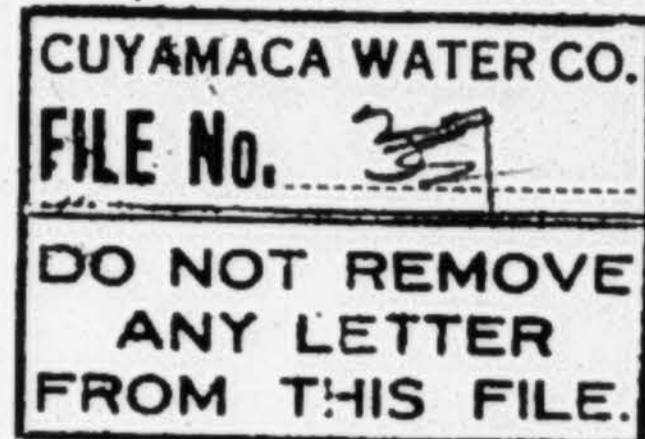
Yours very truly,

CUYAMACA WATER COMPANY.

Manager.

F-S

102 ✓
CUYAMACA WATER CO.
FILE No. 37
DO NOT REMOVE
ANY LETTER
FROM THIS FILE.



102
April 8, 1916.

City Manager F. M. Lockwood,
City Hall,
San Diego, California.

My dear Mr. Lockwood:

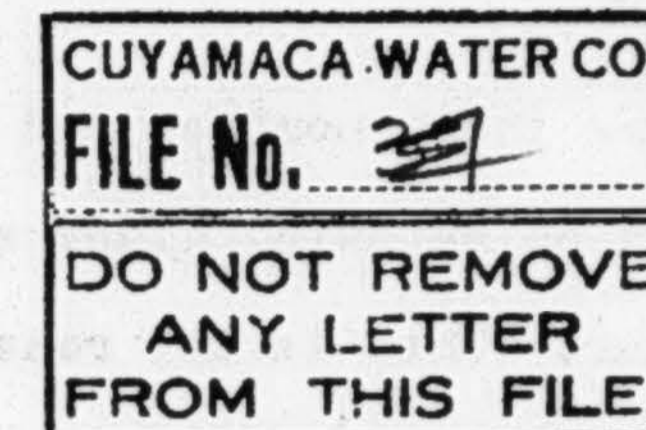
I wish to call your attention to the fact that we can furnish you with all the water you want until June or July, when the river stops flowing, if you are not going to be able to get the water in from Moreno Dam before the first of August. It is just possible that you might run shy, and the Otay water give out before you could get the water in from Moreno Dam. You are the best judge in regard to this matter, but the point that I want to make is that we might have trouble with our consumers if we attempted to furnish you water if there was a shortage in July or August, and it might be a better plan to hold back a part of your water at Moreno Dam and take some water from us during April, May and June when there could be no controversy with our consumers about our furnishing the water to you. Naturally we want to sell all the water we can but we might be enjoined from furnishing you water say from July to September, if there was a shortage, while we would possibly have no trouble during April, May and June.

The above is simply a suggestion and I know you will take this letter in the friendly spirit in which it is written.

Yours very truly,

FF:B

April 18, 1916.



102
Mr. F. M. Lockwood,
Manager of Operations,
San Diego, Calif.

Dear Sir:

I am in receipt of yours of the 17th, and contents noted.

I felt I was friendly enough with you to write and have my position understood by you. I saw this possibility: That instead of its being the first of August it might be the first of September or the 15th of September before you could get the Moreno water here. Our superintendent swore by all that was holy that he would have the water into La Mesa by the first of March; instead it was the fifth of April. Things come up over which you have no control. A train wreck, wrecking two or three carloads of your pipe for pipeline from Upper Otay to your diversion point would cause all kinds of trouble, and it has been demonstrated, even with the laying of the pipeline from Upper Otay to connect up with the line to the City. Yet, I feel you have done remarkably well, as it is. It would drive me crazy to be tied up with the red tape that you have to go through with.

The real reason that prompted me to write you in the first place was that I saw the possibility for a month or so of there being a shortage of water here, say in August or September and a big demand upon us that we could not supply. As you know, we have not the capacity to put through a full supply of water to

the city during those months, and if your pumps should break down, it would be an awful black eye to the city, especially Exposition year. This is the reason that, as a citizen of San Diego, I suggested you hold back your upper Otay water at least to some extent until you are absolutely sure when you can get the Moreno water. I knew you would take this letter in the friendly spirit in which it is written.

Yours very truly,

F-S

May 9, 1916.

City Manager F. M. Lockwood,
City Hall,
San Diego, Calif.

My dear Mr. Lockwood:

Our Booster pumping plant is now working alright. We have been furnishing you from six to six and a half million gallons of water daily since it was installed. From now on we are in a position to furnish you from seven and a half to eight million gallons daily, if desired. I would like to know, if you will tell me please, what your demands will be on us for the next ninety days? Both of our pumping plants will be put in condition within the next two weeks and we can furnish at least four million gallons from the pumping plants so you can rest assured that the Cuyamaca Water Co. is in a position to furnish you with a large supply of water this summer and will be glad to do it. We furnished you yesterday with 6,600,000 gallons of water and can add one or two million gallons, easily, daily if the draft upon the City's system requires it.

Yours very truly,

CUYAMACA WATER COMPANY

By _____ Manager

EF:B

CUYAMACA WATER CO.
FILE No. 31
DO NOT REMOVE
ANY LETTER
FROM THIS FILE.

102

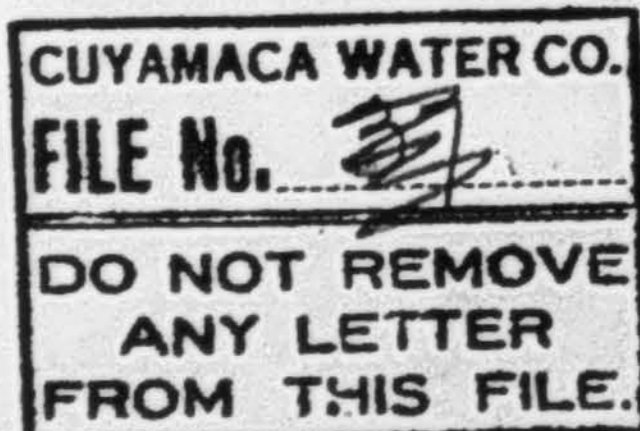
May 10, 1916.

The City of San Diego,
Water Department,
San Diego, Calif.

Mr. F. M. Lockwood, Manager of Operations.

Dear Sir:

Some few months ago, a resolution was passed by the Honorable Council appropriating about \$45,000 for the purchase of water from the Cuyamaca Water Co. for the months of February, March and April. As this appropriation is about exhausted, I took this matter up with your chief clerk, Mr. Charles Holzmann, on May 2, 1916, who informed me that the fund from which we receive payment for water had been reimbursed and that there would be no trouble whatever of this company receiving its warrant for water furnished in May and possibly June. However, to protect ourselves and not to have a duplication as we had in the month of June, 1915 when we furnished to the city of San Diego water for which payment has not been made, our attorney advises us that we should have a letter to that effect over your signature or a resolution passed by the Honorable Council. Would you kindly procure this for us, so that there will be no trouble whatever at the first of each month when we file our claim that we shall receive payment within a reasonable time?



Yours very truly,

CUYAMACA WATER COMPANY.

Secretary

OPERATING DEPARTMENT

May 11, 1916.

Col. Ed Fletcher, Mgr.
Cuyamaca Water Company,
916 Eighth St., City.

Dear Sir:

ATTENTION MR. MATHEWS:

I am in receipt of your communication of this date in which you ask for some assurance that the Cuyamaca Company will be paid for the water they furnish the city, and wish to state that careful accounting will be kept of both the water being supplied and of the funds to pay for same, and due notification will be given you before said funds are depleted, in order that we may both come out even in the game.

Very truly yours,

F. M. Lockwood

Manager of Operation

May 11, 1916.

Mr. F. M. Lockwood,
Manager of Operations,
San Diego, Calif.

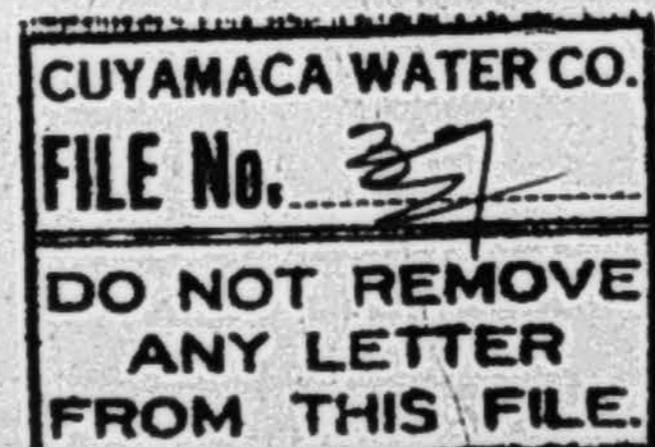
My dear Mr. Lockwood:

I thank you for your letter of
May 11th. We have been furnishing between six and
seven million gallons of water a day to the City of
San Diego, and if the pressure is lowered in the city
we could furnish eight million gallons. This is simply
for your information in case of emergency.

Yours very truly,

CUYAMACA WATER COMPANY,

Manager.



F-8

102 ✓
June 1, 1916.

Mr. F. M. Lockwood,
Manager of Operations,
San Diego, Cal.

Dear Sir:-

I have just written Mr. Jones asking him
to bill against the City for current used at our
booster pump near La Mesa during the month of May.

You will remember that I had this matter
up with you and Mr. Cosgrove some time ago and that
both of you saw no objection to this method of hand-
ling the bill.

We will be pleased to mail you a check for
the amount as soon as you present your bill.

Yours very truly,

Assistant Manager.

FLM:X

-- Copy 9--

(1)

OPERATING DEPARTMENT

Name	Locations	Gallons	Per Cent of Total Consumption
CITY OF SAN DIEGO, CAL			
MAIN OFFICE CITY HALL			
E. W. Lind	Upper Mesa		
Piper's Ranch	" "	42,424	.0037
Echenique	" "	123,060	.0097
Coronado	Coronado Wye	75,431,079	2.4862
Bredarick	Telegraph Canyon	482,237	.0038
S.P. County	Sweetwater Valley	28,914	.0009
Venedic Ranch	Bonita	157,364	.0014
Encanto	Encanto	11,537,293	.0082
David Ryan	East San Diego	451,535	.0034
		7,237,236	.0278

Feb. 23rd, 1917

TO THE HONORABLE, THE MAYOR AND THE COMMON COUNCIL
OF THE CITY OF SAN DIEGO, CALIFORNIA

Gentlemen:

TOTAL Complying with instructions contained in Resolution No.

22363, I am handing you herewith report on the amount of water delivered to consumers outside the city, with ratio of amounts to the whole. Also cost of water from the impounding system to the University Heights reservoir for the years 1915 and 1916.

Respectfully,

F. M. LOCKWOOD
MANAGER OF OPERATION

M. F. M. Valley

557,771,000

Old Town

15,534,000

Coronado Water Co.

310,542,000

(2)

(1) --- COPY ---

COST OF WATER DELIVERED TO OUTSIDE CONSUMERS (Gallons)
 1916
 Per 1000 Gallons

Name	Locations	Gallons	Per Cent of Total Consumption
GRAVITY WATER	PUMPED FROM	PURCHASED FROM	TOTAL GALLONS
S.D. LAND CO.	Upper Mesa	270,101	.00881
Piper's Ranch	VALLEY "	42,424	.00137
Echenique	" "	183,060	.00597
Coronado	Coronado Wye	76,451,070	2.4962
Broderick	Telegraph Canyon	481,237	.0157
S.D. County	Sweetwater Valley	28,914	.0009
Venedia Ranch	Bonita	167,364	.0054
Encanto	Encanto	18,537,993	.6052
Radio Station	Cholas Heights	852,521	.0278
David Ryan	East San Diego	451,635	.0147
Fairmount Co.	" " "	7,237,035	.236
Depreciation			
City water delivered 1,735,918,071			
TOTAL		104,703,354	3.418%

Total water consumed 1916 3,062,678,406 gallons

During February, March, April and May, Coronado Water was delivered at the foot of Market Street.

At the following places on the pipe lines, no water was consumed during 1916:

- | | |
|--------------|------------------|
| Echenique | Telegraph Canyon |
| O.H. Savage | West of Encanto |
| L.B. Long | Encanto |
| E.G. Ebbe | National City |
| G.A. Miller | Vista & P. Sts |
| W.A. Shaules | Bonita Pipe Line |

GALLONS PUMPED

Mission Valley	Old Town	Coronado Water Co.
557,771,000	13,534,000	510,542,000

(3) of Report
 (2)

COST OF WATER DELIVERED AT UNIVERSITY HEIGHTS RESERVOIR, 1916.

per 1000 Gallons.

COST OF WATER DELIVERED AT UNIVERSITY HEIGHTS RESERVOIR, 1915

Per 1000 Gallons				
Gravity Water from impounding system	Pumped from Mission Valley	Pumped from San Juan	Purchased from Cuyamaca Water Co.	Total Gallons Delivered
GRAVITY WATER FROM IMPOUNDING SYSTEM	PUMPED FROM MISSION VALLEY		PURCHASED FROM CUYAMACA WATER CO.	TOTAL GALLONS DELIVERED
3,055,141	13,800,000	13,800,000	510,541,555	3,055,511,986
1,735,918,071	841,241,000		191,238,126	2,768,397,197

Interest on 4,000,000.00 @ 4% 1915	176,781.25	29,755.68
Interest " 520,196.07 @ 5% 1915	26,009.80	58,394.99
Maintenance	21,232.36	86,650.77
Operation	29,760.03	
Depreciation	76,001.54	
City water delivered 1,735,918,071 Gallons, Cost	329,784.98-.189	per 1000 Gals.
Maintenance	26,954.07	since date of
Depreciation	76,001.54	purchase
Gravity water delivered 1,393,865,141	Cost 387,261.63	- 12 per 1000 Gallons

IMPROVEMENT OF SYSTEM SINCE DATE OF PURCHASE

The increased cost of maintenance & operation of the impounding system in 1916 due to abnormal weather are shown in the following items:

Cottonwood Conduit	171,642.63
Pine Creek Intake	46,044.83
Tunnels Dulzura Conduit	9,575.99
Bonita Pipe Line	221,516.33
Lower Otay Seepage Pump	5,587.81
Filtration Plant	65,828.48
Repairs to Morana	5,943.84
Pumps and Sumps Lower Otay	12,500.00
Repairs to Telephone Lines	3,088.94
	<u>59,357.64</u>

(This does not include flood damage of 1916 of \$265,000
 (Rebuilding Bonita Pipe line ----- 230,000
 (Rebuilding Lower Otay Dam ----- 700,000
 \$1,195,000

(The above does not increase the supply of water.
 Ed Fletcher)

(3) of Report

COST OF WATER DELIVERED AT UNIVERSITY HEIGHTS RESERVOIR, 1916.

per 1000 Gallons.

Gravity Water from impounding System	Pumped from Mission Valley	Pumped from Old Town	Purchased from Cuyamaca Water Co.	Totals Gallons Delivered
1,923,665,141	577,771,000	13,534,500	510,541,355	3,025,511,996

COST, MAINTENANCE & OPERATION IMPOUNDING SYSTEM, 1916

<u>Operation</u>	<u>Maintenance</u>	<u>Total</u>
Labor 10,718.15	19,038.53	29,756.68
Material 48,378.55	7,915.54	56,294.99
<u>59,096.70</u>	<u>26,954.07</u>	<u>86,050.77</u>
Interest on \$4,000,000.00 @ 4½% year 1916 -	171,281.25	
" " 738,980.72 @ 5% " 1916 -	33,928.13	Bonds issued
Operation - - - - -	59,096.70	for improvements
Maintenance - - - - -	26,954.07	since date of
Depreciation - - - - -	76,001.54	purchase
Gravity water delivered 1,923,665,141 Cost	<u>367,261.69</u>	- 19 per 1000 Gallons

The increased cost of Maintenance & Operation of the Impounding System in 1916 due to abnormal weather are shown in the following items:

Power purchased	13,724.86
Chemicals for purification	25,000.00
Repairs to Morena	5,943.84
Pumps and Sumps Lower Otay	12,500.00
Repairs to Telephone Lines	2,088.94
	<u>59,257.64</u>

(This does not include flood damage of 1916 of \$260,000)
 (Rebuilding Bonita Pipe line ----- 220,000)
 (Rebuilding Lower Otay Dam ----- 700,000)
 (The above does not increase the supply of water.)
 (Ed Fletcher)

April 3, 1917

Mr. F. M. Lockwood,
Mgr of Operations,
City Hall, San Diego, Cal.

Dear Sir:-

This Company desires to purchase 100 feet
of 24 inch cast iron pipe Class B and 3 -24 inch
cast iron tees.

It occurs to us that you may have this
material in stock and could let us have it. If this
is the case, will you kindly give us a price on
same.

Very truly yours,

Assistant Manager.

ME:K

102

F. M. LOCKWOOD
MANAGER OF OPERATION

CHAS. HOLZMAN
CHIEF CLERK

OPERATING DEPARTMENT

CITY OF SAN DIEGO, CALIFORNIA
MAIN OFFICE CITY HALL

April 4, 1917.

Mr. F. M. Faude,
916 Eighth St.,
San Diego, California

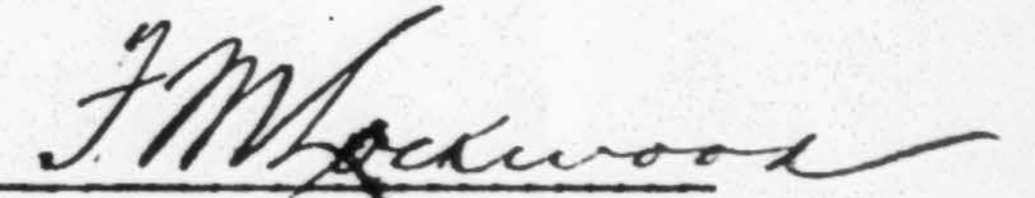
Dear Sir:

I regret to inform you that we are unable
to furnish you with the 24" pipe and tees as per
your request of the 3rd inst.

We have a quantity of 30" pipe we could
spare if you cared for it.

Very truly yours,

FML/L


MANAGER OF OPERATION

102

April 6, 1917

Mr. F. M. Lockwood,
Manager of Operations,
City Hall,
San Diego, Cal.

Dear Sir:-

I have your letter of April 4th and note that you have a quantity of 30 inch cast iron pipe on hand which you would be willing to dispose of. I presume that this is Class B pipe.

What price per foot could you make us on 100 feet of this 30 inch pipe?

Yours very truly,

Assistant Manager.

FME:K

102

Cuyamaca

June 21, 1917.

Mr. F. M. Lockwood,
Manager of Operations,
City of San Diego,
San Diego, Calif.

Dear Sir:

Answering yours of the 20th, will say our offer of three and a half (3½) cents per thousand gallons to the City of San Diego was made as an incentive to increase the production of food products, and based on the theory that the City of San Diego would make a like reduction to the Citizens of San Diego. Our offer was refused, and no reduction made by the City of San Diego to its consumers.

Please do not take the above as a criticism.

My understanding is that the City of San Diego is selling water to the U. S. Government at 10¢ per thousand gallons, with an estimated amount to be used of 2,000,000 gallons daily. This means that if we sell our water at 3½¢ per thousand gallons, the City of San Diego makes a profit of the difference.

As the Cuyamaca Water Company has never paid a dividend, nor even paid operating expenses to date, and as the interests I represent are turning over between 4000 and 5000 acres of land to the U. S. Government, on the Linda Vista Mesa, free of charge, we do not feel that we are obligated to sell water to the city of San Diego at less than cost, that the City may make a profit on the sale of same -- particularly as the cost of the city's gravity water, according to your report to the

City Council of February 23, 1917, delivered at the city limits is 19¢ a thousand gallons.

We would like the business, however, and will install our chlorination plant and deliver our surplus certifiable water, satisfactory to your health officer, up to 2,000,000 gallons per day, at seven cents (7¢) per thousand gallons, as a war measure, for the duration of the war.

If we could be assured that the City of San Diego would take water from us, from the first of January until the first of July, water that we would not have to draw from our storage reservoirs, we would be willing to furnish this water during that period, to the City, as a war measure, for the duration of the war, at three and a half cents (3½¢) a thousand gallons, but cannot afford to withdraw our storage water at a less price than seven cents (7¢) per thousand gallons. If the City of San Diego could see its way clear to take five or six million gallons of water from us daily during the winter season, it would warrant us in putting our old pipeline in first-class condition, and would be an added factor of safety to the water supply of San Diego.

If the City is interested, I should be glad to have a conference with you, at your convenience, so that a contract can be drawn up protecting both parties in interest.

Respectfully submitted,

CUYAMACA WATER COMPANY,

By _____ Manager

*File
Lockwood*

GENERAL MONTHLY REPORT, OPERATING DEPARTMENT

City of San Diego

F. M. Lockwood, Manager.

Report of transactions of the Operating Department for the month of August, 1917.

The principal activities of the Operating Department during August in addition to the daily routine work, itself of no small consideration, were still those concerned with the construction work being accomplished by the city in connection with the Cantonment at Camp Kearny and the continuation of the preliminary work at the site of the Lower Otay Dam.

The construction of the 12" wood stave and riveted steel pipe line to Camp Kearny was completed. Construction on the 1,760,000 gallon concrete reservoir was placed well under way as well as the excavation for the dirt reservoir adjacent to the booster pump on this line. The dirt reservoir is an auxiliary storage and balancing reservoir of 15,000,000 gallons capacity and will be used in case of a break in the line. Two wooden tanks were erected on towers near the Camp Kearny distributing reservoir, and the booster pump, which was also completed, filled these tanks with water which was used for wetting down the roads and for construction work not only by the city but also by the Cantonment contractor.

The contract for the Silver Terrace Road leading to Camp Kearny was signed by the Council and John Engebretsen, the contractor.

The water works installed by the city will cost very close to \$83,000. The contract for the paved street is approximately \$75,000.

Such an expenditure was not contemplated by the Common Council when the budget for the year was made up and the tax rate fixed in May. Extraordinary means were therefore resorted to in order to raise the funds necessary to do this work. After all available bond funds which could be legally used had been secured, the Common Council asked each department to contribute 10 per cent of their budget allowances. The contribution from the Operating Department was made without reserve and totalled some \$56,000. Strictly speaking this was some \$6,000 more than the 10 per cent of the working allowance of the department since the Street Lighting allowance is a contract one which could not be cut and the Machine Shop allowance is a rotating account which properly should not have been considered in the reduction. However, this department desiring to facilitate in every way possible the work necessary to land the Cantonment, made the 10 per cent of the total allowance by extraordinary cuts in the water and street bureaus. Such a reduction does not mean a saving or an economy but merely means that work which is absolutely essential must be delayed until next year. It means that the people of San Diego will have to bear with this department in the emergency and must expect that their streets will suffer somewhat, and that improvements to the water system asked for in many localities will have to wait until a later date. It also means that the forces of the department must be cut and that not a few employees must look elsewhere for work.

it was impossible to... the work of cleaning. On account of... hire first class

The summer season continued to be normally warm and the daily consumption of water drawn from the system was 11,000,000 gallons, of which the city proper took practically all.

Street work in the Mission Hills district and other portions of the city necessitated the laying of 1970 feet of 4" cast iron pipe. There were 32 new water meters set during the month and these with the 247 meters acquired with the Tincanto system make a total number of meters in use in San Diego of 15,253.

On the impounding system the usual routine work of operation and maintenance of dams, reservoirs, conduits, and pipe lines was carried out. The Machine Shop did approximately \$100. worth of work in altering an event which attracted almost nation wide attention on account of the military operations in this section, occurred on the night of August 17. A malicious attempt was made to blow up with dynamite a section of the 40" wood stave pipe line just below the filter plant at Lower Otay. The attempt was unsuccessful and the slight damage was repaired in 7 hours with no interruption of the water supply in the city. The reservoir in the University Heights reservoir being sufficient to handle the construction. Circumstantial evidence seemed to indicate that the damage had been done with the intention of showing that it was necessary to maintain guards upon the pipe line, but the evidence was not strong enough to hold the man arrested in connection with the case that we have had 25 head of stock and 14 men working on the Camp Kearny and booster pump reservoirs. However during August Hydraulic Engineer H. N. Savage completed specifications for the Lower Otay Dam and for the cement to be used in the construction of the same. These specifications were mimeographed by the office force and furnished to contractors desiring to bid. The arrangement of the camp buildings and quarters for the men was continued and the Hydraulic Engineer accomplished an arrangement with the San Diego public library whereby magazines and books will be made available and a branch library established for the construction forces at the dam. Data is being kept on the efficiency and we will, in subsequent reports, make comparative statement. A price of \$3.15 per ton was submitted by the San Diego & Southeastern Railway Co. for hauling all materials from San Diego to the dam. The rate is conditioned upon the highway up the Otay Valley being restored in good condition by the County of San Diego with the cooperation of the city. It will prove to be an excellent investment for the city.

The Harbor Bureau reports a grand total of 63,725.9 tons of freight handled through the local port of a total valuation of \$2,419,763. The Harbormaster entertained various representatives of ship building concerns during the month. The work of placing trip rap along the bulkhead adjacent to the Neptune Sea Food Co. plant, at the foot of Ivy Street, was completed during the month, people use the station each day.

The Engineering Bureau was engaged during the month with the usual street improvement work and the necessary engineering work in connection with the work being carried on by the various bureaus of this department and the other departments of the city. completion and the sewer system throughout the city is in excellent condition. At the Pueblo Farm the plowing for the new hay crop has been continued with a total of 600 acres plowed for the month. This work is being accomplished this year under a much more difficult plan than heretofore. During the past the helpers, whom the city pays 50¢ a day and board, have been able to accomplish this work. This year, however, labor conditions are such that the grade of men who applied at the farm for work had declined to such an extent that it was impossible to trust this class of men with the work of plowing. On account of this it has been necessary to hire first class

teamsters at a higher wage. During the month the fencing of about 500 acres of pasture land has been completed and the rentals received from parties pasturing their stock has not only paid interest on the investment but will within a year wipe out the original expense. The city received from Mr. Wilson of Toronto 600 pounds of white beans the city's share of the crop from 3 acres used by him.

In addition to the routine work of keeping the city's equipment, wagons, scrapers, graders, sprinklers, sweepers, and automobiles in order, the Machine Shop did approximately \$100. worth of work in altering the new automobile for sprinkling purposes for the Street Bureau, the cost of this work being paid for by the firm furnishing this machine. The average cost per mile for the city automobiles was .04¢, the machines having travelled 16821 miles.

The Building Bureau reports 300 building inspections and 173 boiler inspections, the Gas & Electric Bureau reports 355 inspections. There are no assistant inspectors employed by the department at present and the building and electrical inspectors each have their hands full.

The Street Bureau has been somewhat handicapped during the past few weeks owing to the fact that we have had 25 head of stock and 14 men working on the Camp Kearny and booster pump reservoirs. However, the streets have been kept in excellent condition on the main thoroughfares and little complaint has been made by the people. The 30th Street, B Street, Old Town, and Lemon Grove Boulevard bridges were sanded and oiled and minor repairs made. Reynard Way was regraded as well as several streets in Roseville, the southerly portion of Ocean Beach, Tide St., and "I" Street. All available equipment was utilized in hauling decomposed granite from the Electric Railway Company's job on Fort Stockton and Lewis Streets to repair other streets in that vicinity. The new automobile street sprinkler was placed in operation during the month. Data is being kept on its efficiency and we will, in subsequent reports, make comparative statements of the operation of this machine as against the horse drawn sprinklers. We do not consider, however, that our tests at the present time are sufficient to warrant such comparisons. We are glad, however, to say that the automobile sprinkler is very satisfactory and that we believe it will prove to be an excellent investment for the city.

The Plaza Comfort Station has been undergoing various repairs, it being necessary to overhaul the plumbing, to repair the sidewalk above the station and to alter some drains within the building. The many service men in the city have proven this station to be an asset of which the city may be proud. Between three and four thousand people use the station each day.

The Sewer Bureau has loaned several men to the contractor at Camp Kearny and has been working short handed. Nevertheless the Fourth and "E" Street deep sewer job is well on its way towards completion and the sewer system throughout the city is in excellent condition. The completion of the contract sewer in University Heights will make a great deal of extra work in the installation of sewer connections for this bureau during September,

WATER CONSUMED DURING AUGUST, 1917

San Diego	336,277,209	gallons
Coronado	690,400	"
East San Diego	2,873,600	"
Encanto	3,330,037	"
Pipe Line (Misc)	907,425	"
TOTAL	344,078,691	"

Daily Average 11,099,312 gallons
 City 10,847,652 "

Water in storage July 31st	14,237,879,000	"
" " " August 31st	13,564,295,060	"

Decrease for month 673,593,940 "

FINANCIAL STATEMENT.

EXPENDITURES

	Labor	Material	Total
General Office	993 75	17 50	1011 25
Street Lighting		4034 49	4034 49
Inspection	657 50	93 50	751 00
Street Bureau	7347 88	6750 03	14097 91
Public Buildings	595 00	682 48	1277 48
Harbor & Wharf	611 54		611 54
Engineers	1399 85	156 30	1556 15
Pueblo Lands	677 95	65 80	743 75
Sewer & Drainage	988 45	157 31	1145 76
Water	13558 96	16555 37	30114 83
TOTALS	26830 88	28513 28	55344 16
Less Misc. Credit		44 16	44 16
NET TOTALS	26830 88	28469 12	55300 00

CASH RECEIPTS CREDITED TO

	Budget A/C	Auditor's A/C	Total
Water	309 73	28366 97	28676 70
Building		226 25	226 25
Sewer	938 84	82 50	1021 34
Electrical		252 80	252 80
Engineers	69 96		69 96
Street	2012 86		2012 86
Harbor & Wharf	150 59	1822 25	1972 84
Pueblo Lands		235 31	235 31
TOTALS	3481 98	30986 08	34468 06

April 18, 1918.

Mr. F. M. Lockwood,
San Diego, Calif.
My dear Mr. Lockwood:

Last night we mailed you the permit which I promised you, and I hope that you will find the time to go up to Cuyamaca and get a few trout. We also enclosed a permit for Commander Cox, whom I have never had the pleasure of meeting, but I am more than pleased to issue the permits. Will you kindly, for me, extend to him an offer for the use of my cottage at Cuyamaca Lake. It is, as you know, rather rough, but comfortable, with running water and bath, and am very glad to let him have the use of the cottage at any time excepting about the first of May it is taken for a few days. It will be necessary to make arrangements here at the office as to date if he desires the use of the cottage. It will accommodate four or five nicely, and all he will have to do is to take up his grub. If commander Cox decides to take advantage of my offer, I will be very glad to go into detail with him and assist him in every way and give him a letter to our caretaker at the lake. This also applies to yourself, as well.

Very sincerely yours,

F-8

F. M. LOCKWOOD
MANAGER OF OPERATION

A. C. FRANCIS
CHIEF CLERK

OPERATING DEPARTMENT

CITY OF SAN DIEGO, CALIFORNIA
MAIN OFFICE CITY HALL

December 5,
1918.

C 2500



CUYAMACA WATER CO.,
San Diego, Calif.

ATTENTION OF MR. MATHEWS:

Gentlemen:--

The Common Council of the City of San Diego has this day, by Resolution No. 24130, directed the Manager of Operation to order Cuyamaca water shut off until further notice.

Trusting that you will see that this is done at your earliest convenience, we remain

Yours very truly,

F. M. Lockwood
Manager of Operation....

By *A. C. Francis*
Chief Clerk.



OPERATING DEPARTMENT
CITY OF SAN DIEGO

OFFICE OF
R. M. GREGORY
SUPERINTENDENT OF STREETS

SAN DIEGO, CALIFORNIA

February 24, 1930.

Col. Ed Fletcher,
1020 Ninth St.,
San Diego, California.

My dear Co. Fletcher:

This is to assure you that
the new Rose Canyon highway will not encroach
upon your lots, 1-25, Block 8. Leavitts, in any
manner.

Very truly yours,

F. M. Lockwood,
Manager of Operation.

1.

Ed Fletcher Papers

1870-1955

MSS.81

Box: 16 Folder: 21

General Correspondence - Lockwood, F.M.



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