

# GREATER WATER SUPPLY FOR LOS ANGELES CIVIC ORGANIZATIONS TAKE FIRM STAND FOR BIG PROJECT

## CITIZENS URGED TO VOTE FOR BOND ISSUE

### Investigating Committee Makes Report

### Plans of Commission Entirely Feasible

Municipal League, Chamber of Commerce and Merchants Association  
Convinced Owens River  
Is True Solution

Feasible in all the details of finance, satisfactory in the quality and quantity of the water, few engineering difficulties to be overcome, imperative if the future welfare of Los Angeles is worthy of consideration. This in substance is the report on the Owens river proposition which was submitted last night by the joint committee from the chamber of commerce, the Municipal league and Merchants and Manufacturers association, which for the past two weeks has been engaged in an investigation of the subject.

Every assertion made by Superintendent Mulholland, Fred Eaton and the water board on the subject of an inexhaustible water supply for Los Angeles from the Owens river district are reiterated in the report in even stronger terms than those used by the men who made the project possible.

#### Reports Commendatory

The report of the committee of the Merchants and Manufacturers association will not be ready for publication until Tuesday, but on reliable authority it is stated that it will be as commendatory of the proposition and the men who are behind it as is that of the chamber of commerce and the Municipal league.

The joint committee first inquired into the present water supply of the city. Then it examined a large amount of data on the Owens river project obtained from sources other than that of the water board, it called in engineers of high repute for their opinion on the subject, it made estimates of the probable cost, it took samples of the water from where Los Angeles' future supply undoubtedly will now come and had them analyzed at the State university experiment station. Finally it went foot by foot over the Owens river district.

The result of their findings has been this: The present supply is entirely inadequate. The Owens river is the one source from which a sufficient quantity may be gained. The project is eminently practical. If anything it will cost less than the amount specified by Mulholland.

The analysis of the water shows it to be of a better quality than that of Los Angeles at the present time. The quantity is a sufficiency.

#### Bond Issue Certain

The findings of the commercial committee, say prominent business men, will insure the voting of the first bond issue, the election for which will be held next Thursday, by a vote of more than ten to one. What little lack of confidence which may have been built upon misleading assertions and fictitious utterances of the yellow journal will be swept away, they say, by the statements made by the men who composed the committee. These men are ones who have been successful in business life, who are not accustomed to carry out a plan before they have thoroughly investigated and found it practical.

In their visit to the Owens valley they found that to a large extent the inhabitants have been misled by reports sent out by a Los Angeles newspaper, the aim of which was to pervert the sentiment of the community in which it was published.

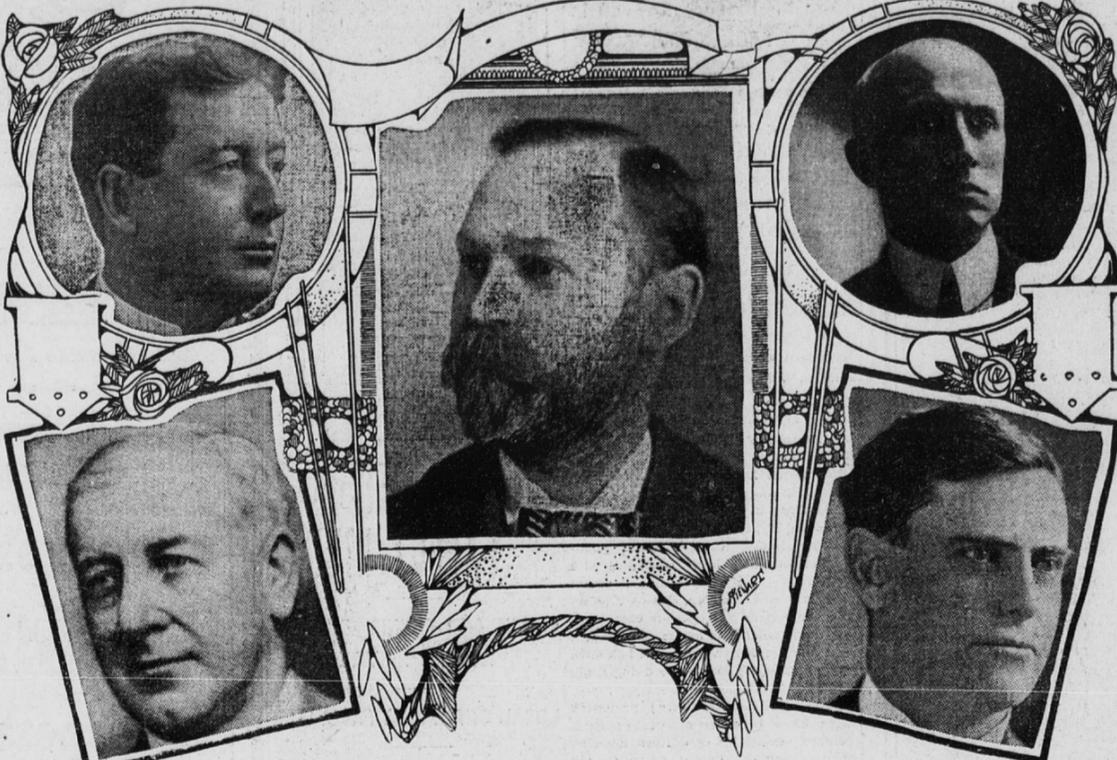
To convert this antipathy into friendliness the committee of the Municipal league has recommended that a delegation of citizens from the Owens river district be invited to visit Los Angeles and learn for themselves the spirit, which is general, from the individual to the city government.

### SUB-COMMITTEE FINDS OWENS PROJECT ALL IT IS REPRESENTED TO BE

In its report to the joint committee of the chamber of commerce, Municipal league and Merchants and Manufacturers' association the sub-committee gives a detailed account of the excellence of the Owens river country. The sub-committee finds the project all that it has been represented to be. Following is the report:

"We proceeded to Lone Pine, which is situated in the southern part of the valley, where, in company with Fred Eaton, we drove to Owens lake and found that their report as to the recession of the water of Owens lake appeared to be true.

"We then started north, following the river as closely as possible, to Citrus station. We first crossed the river at the upper Lone Pine bridge and took our first samples about three miles above that place, at what is intended by the engineers to be the point for the pumping station. Here we took two samples of two gallons each, one to



PROMINENT ANGELENOS WHO HAVE MADE AN INVESTIGATION OF THE OWENS RIVER PROJECT. AT THE LEFT ARE FRED A. HINES ABOVE AND W. D. STEPHENS. IN THE CENTER IS RETARY CHAMBER OF COMMERCE, ABOVE AND FRED EATON A. B. CASS. AT THE RIGHT ARE H. B. GURLEY, ACTING SEC.

### SANITARY ANALYSIS MADE OF THREE SAMPLES OF WATER FROM OWENS VALLEY

	Grains per Gal.		Ammonia		Parts per Million	
	Total residue	Chloride	Free	Ammonoid	Nitrate, N2O5	Nitrite, N2O3
Market sample	23.74	.60	.110	.184	2.80	None
II. Owens river near Lone Pine	16.90	.20	.100	.170	1.60	None
VI. Owens river at Charley's Butte	7.57	.10	.044	.064	.80	None
IV. Black Rock Springs						None

As far as can be determined by ordinary chemical analysis, these waters are suitable for domestic and irrigation purposes; and that from Black Rock Springs is of exceptionally good quality.

Approved: E. J. WICKSON, Acting Director.

be sent to the chamber of commerce, marked on the outside of the demijohn III, and the other, marked II in the same manner, we sent to director agricultural experiment station, University of California, Berkeley.

#### Drank the Water

"According to the estimate of Mr. Eaton there were flowing at this point at that time about 750 inches of water. We drank freely of the water, which we found to be perfectly clear and, so far as we could see, pure and exceptionally good.

"The next point of interest we came to was Stevens canal, which we crossed on the road to Citrus station. At this point the water appeared to be about sixteen inches deep and twelve feet wide. We crossed Owens river again at Citrus bridge, where we found more water in the river than at the pumping station. Mr. Eaton estimated the flow at probably 1000 inches. The water was perfectly clear and we all drank freely of it. Between this point and Citrus station there is a small ditch carrying a nice flow of water, of which we own a portion and can secure the balance, we understand, whenever we desire.

"Right at Citrus station is the east side ditch, which we understand to be the largest ditch in the valley and of which we own nine-tenths. The water in the ditch at this point is about twenty feet wide, with an average depth of about two feet. From this point on there are several small streams in which we have no interest. For instance, flowing into Independence is the Independence creek and Little Pine creek, and above there is Oak creek. These, with several other small streams, would add materially to our supply, and the water is of excellent quality.

#### At Black Rock Spring

"The next important water supply belonging to us is Black Rock spring. This has a magnificent flow of water coming out of volcanic rocks on the Rickey ranch. This appears to us to be as fine, clear water as any we had seen. To give you an idea of the size of the spring we would say that it is estimated by the government engineers to have a constant flow of 1000 inches. We heard from other sources in the valley that the water from this spring contained nitre and arsenic, but to contradict this even the people who told us admitted that they and every one passing up and down the valley did not hesitate to drink of the water every time they passed.

"It has a fine flavor and seems to us to be splendid water. This of course will be proven by the analysis of the two samples we took from there which were sent to the chamber of commerce and to Berkeley.

#### Acquired by City

"The ownership of the streams from here on to the upper end of the Rickey

ranch we believe has practically been acquired by the city, and believing the most important point from which we could secure the final samples to be at the place of the proposed intake we proceeded to Charlie's butte, and there filled the two remaining demijohns from the river proper. The one marked V was sent to the chamber of commerce, while that sent to Berkeley was marked VI. The river at this point appeared to be about forty feet wide and had an average depth in the neighborhood of twelve inches. The water here was not clear and was running at a velocity of two feet to the second. Just before reaching Charlie's butte we were met by a local engineer, an old resident of the valley, who at our request proceeded with us for the balance of the trip through the valley.

"We, therefore, had at Charlie's butte two engineers, and their estimate of the flow of water at this point was from 2500 to 3000 inches. We afterward learned that a man named James Dowd had opened a flood gate they have in the dam of Fish Springs reservoir, which probably had the effect of making the flow at Charlie's butte several hundred inches more than normal. There are two fine springs flowing several hundred inches of water out of the lava beds at Charlie's butte, the quality of which appeared to us in all respects to be equal to that at Black Rock springs.

#### Quality Unquestioned

"Several miles above Charlie's butte, but still on the Rickey ranch, is Fish spring. The quality of this water is unquestioned and it has a flow equal to Black Rock spring, about 1000 inches. The flow of the spring, of course, is given in the estimate given of the amount of water found at Charlie's butte, as its entire output flows directly into the river just above that point. Our work, so far as the quality and quantity of the water was concerned, seemed to be completed at this point, for we understand that the city has acquired no rights above the Rickey ranch, which ends a short distance above Fish spring, but having the time, we continued our drive up the valley as far as Bishop.

#### Water Low Now

"To sum up the results of our examination we beg to say that we are satisfied there is less water probably in the valley at this time than there has been at any time during at least the past ten years. This condition has been brought about by the snow having fallen in such a way that it melted more quickly than usual. These facts were confirmed by every one of whom inquiries were made, some of whom were the oldest residents of the valley, having lived there from thirty to thirty-five years.

"With all of these adverse conditions, we are satisfied that from the

### CHEMICAL ANALYSIS MADE BY EXPERT AT BERKELEY OF OWENS RIVER WATER

	II. Owens River n. Lone Pine	VI. Owens River at Charley's Butte	IV. Black Rock Springs
Potassium sulphate, very small, and sodium sulphate (Glauber's salt), etc.	7.55	5.11	1.21
Sodium chloride (common salt)	1.01	.33	.17
Sodium carbonate (sal soda)	2.22	.68	.37
Calcium and magnesium carbonates, etc.	6.88	7.93	1.05
Calcium sulphate (gypsum)	2.70	.64	2.15
Silica	2.33	1.22	1.75
Organic matter, all three "char" and chem. combined water	1.05	.99	.87
Total	23.74	16.90	7.57

(Amounts represent grains per gallon.)

(Signed) GEO. E. COLBY.

rights already acquired, we have at this time a flow of at least 7500 inches of water. This is undisputed by all of whom inquiries were made, even those who are opposed to our coming into the valley. It is an absolute fact, beyond question of doubt, that during a number of months of each year there are thousands of inches of surplus and flood waters that run to waste. We were told by those who have been in the valley from thirty to thirty-five years that there has never been a single year in which snow has not fallen on the mountains in large quantities. The flow of the river at Charlie's Butte has been known at such times to amount to 50,000 and even 60,000 inches.

"For the information of your committee we would say that if all the water which belongs to the land south of the north line of Rickey's ranch belonged to the city, the time could hardly come when Los Angeles would not have sufficient water for all its needs.

"Referring to the reports we have heard concerning health conditions and the quality of the water in Owens river we desire to say that upon investigation we are satisfied that no more healthful locality exists in the state of California than the Owens river valley, and while it is a fact that the residents of that valley seldom drink water directly from the river it is only because the region is so prolific with mountain streams of the purest crystal water, more conveniently located to the settlements than the river itself, that the people naturally prefer the water directly from the mountains.

"And finally, not being experts in any of these matters but believing that you wish us to give you the results of all our observations while on the trip, we have done so to the best of our ability and trust that our findings will meet with your expectations."

The report is signed by H. C. Witmer, M. Lissner and Fred A. Hines.

PLENTY OF WATER, BEST QUALITY, CAN BE HAD AT MODERATE EXPENSE

As regards quantity and quality of the water and practicability and cost of bringing the Owens river supply to Los Angeles, the special committee of the Municipal league has submitted a most convincing report. The committee says there are no grounds, so far as the members can learn, of questioning the feasibility of securing the water. Following is the report:

"From the examination of a mass of testimony, documentary and otherwise, entirely too extensive to reproduce, we would submit that we have investigated and reached conclusions upon the five following questions:

"First—As to the abundance of the water supply of Owens River valley.

"Second—As to the quality of the water in Owens river and tributaries.

"Third—As to the practicability of bringing such water to Los Angeles, from an engineering point of view."

(Continued on Page Eight)

## SUFFERED YEARS FROM CATARRH DUE TO SUMMER COLD. CURED BY PE-RU-NA.



MISS BELLE JOHNSON.

Pretty Chicago Girl Praises Pe-ru-na

Miss Belle Johnson, 1922 W. 12th St., Chicago, Ill., writes:

"I have been troubled with catarrh for a number of years, but it really never bothered me until last Summer. While spending my vacation I caught a severe cold, and the pains in my nose and head were terrible.

"I thought naturally they would pass away with the cold, but I was mistaken. I finally began to realize the seriousness of my trouble and that I must do something for it.

"I heard of Peruna as a great remedy for catarrh, and bought a bottle of it. After using it for three weeks I could breathe through my nose quite freely and the obstruction had nearly disappeared.

"I continued using it until I had used nearly three bottles. I am thankful to say I am entirely cured."

#### Summer Colds Are Tenacious

Summer catarrh and summer cold are phrases frequently heard in these days.

Catarrh is not confined to the winter months. It is quite as prevalent in summer.

Catarrh is a failure on the part of the human organism to adjust itself to its environment.



The blood deserts the surface of the body and the mucous membranes are puffed with an influx of blood, which causes the serum of the blood to exude on the surface of the membrane, giving rise to catarrhal discharges.

Summer catarrh is in nature exactly the same disease as winter catarrh. The same remedy, therefore, is indicated.

Peruna cures catarrh, winter and summer, wherever it is located in the human system.

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