

Copy to Mayor Clark and each member of council
Mr. Lockwood
F. M. White

August 4th, 1927.

Mr. J. W. Williams,
Hydraulic Engineer,
City of San Diego,
California.

My dear Mr. Williams:

I see by the papers that bedrock at Sutherland is not easy to find. As I took an option on this property for Mr. Henshaw in 1914, while he was in Europe, and for twelve years was assisting Mr. Henshaw in wrestling with the problem, the following information may be of interest.

We took core drillings at the upper site and our records show bedrock all the way across. In fact, it is exposed on the surface. My recommendation all along has been that the upper site is the preferable, and we even dug our ditch to divert from the upper site in doing our preliminary work, with the idea of diverting the water into the San Diego River at the Fletcher damsite above the diverting dam, or dropping it into Ramo for power purposes. I still feel that the upper site is much preferable.

You do not have to build the dam nearly as high. I am sure you have bedrock that is satisfactory and a multiple arch type of dam, similar to Lake Hodges or Murray Dams can be built for one-half the cost and with higher factors of safety. I feel that all the work done at the lower site should be abandoned and the dam located at the upper site where it was originally intended.

I will be glad to be of any service to the city that I can and assure you of my heartiest cooperation.

Yours very truly,

EP:KLM



CITY OF SAN DIEGO

SAN DIEGO, CALIFORNIA

August 6, 1927.

Mr. Ed Fletcher,
Box 1412,
San Diego, California.

Dear Sir:

In reply to your letter of August 4, 1927, regarding core drillings at upper Sutherland dam site. We appreciate your offer of information in regard to condition of bed rock at this site and any information that you have on the subject would be greatly appreciated.

Yours very truly,

J. W. Williams
by E.L.F.
J. W. Williams,
Assistant Manager of Operation
in Charge of Water Development.

JWW/f

August 9, 1927.

Mr. J. W. Williams,
Hydraulic Engineer,
City of San Diego, Calif.

My dear Mr. Williams:

Answering yours of August 6th, asking for information in regard to bedrock at the upper Sutherland site, will say I asked Mr. T. H. King who was our engineer at the time core drillings were made at Sutherland, and enclosed find his letter in relation thereto.

If the City of San Diego has not received this information I am of the opinion the San Diego County Water Company will furnish a record of the core drillings at both sites, for the asking.

Bedrock is exposed at the upper site and our core drillings showed that the upper site was the proper site for the location of a dam. I am convinced that a multiple arch type of dam at the upper site can be built, holding 40,000 acre feet, that the cost will be not to exceed \$650,000, including excavation; also that any plans Mr. King might make will meet with the approval of the state authorities. I consider the upper site an ideal location for a multiple arch type of dam.

Yours very truly,

EF:KLM

cc - Mayor
Councilman
Paul Bailey

Ed Fletcher Papers

1870-1955

MSS.81

Box: 34 Folder: 19

General Correspondence - Williams, J.W.



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