



THE WATER SUPPLY



TO DENNIS HARRINGTON.

The amount of water running in the creek, in a direct line three miles from the Court House, San Luis Obispo, I found it was sufficient to fill a rectangular notch 15 inches in length in an overfall weir, to a depth of three inches (3), which indicates a flow of 340,000 gallons daily. As the bed of the creek at the point selected consisted of clean gravel, entirely free from sediment and the depth of water above the weir was from 2 to 2 1-2 feet. I estimate that at least 15 per cent of the water escaped under the dam---thus making the total flow in the creek 391,000 gallons daily.

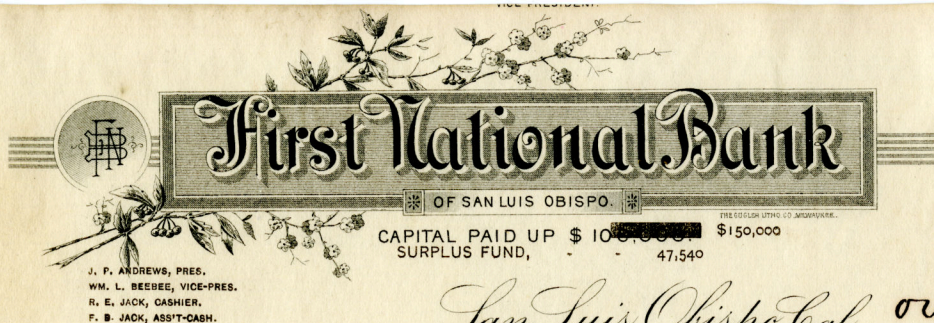
In addition, I have measured the water from the springs, arising on your land, the aggregate amount of water from which will be 75,000 gallons daily. There are other springs not measured, which will contribute to the total yield, and I have no hesitation in saying, that with the proposed improvements made with the view of developing and saving the water, the total flow in ordinary seasons will exceed 60 miners inches or its equivalent 550,000 gallons daily.

All the water referred to, can be taken from the creek at an elevation sufficient to flow over intervening obstacles to the town of San Luis Obispo, and to a distributing reservoir with an elevation of 200 or 250 feet above the street in front of the Court House.

I will also state, that in my judgment, about 250,000 gallons daily, out of the total of 550,000 gallons referred to or over 27 miners inches, has its origin directly or entirely on your land.

Yours truly,

HUBERT C. WARD,
CIVIL ENGINEER.



San Luis Obispo, Cal. Nov 30 1892

N. H. Boardman's estimate of Plant if water is taken from Chorro Creek Exclusive of cost (if any) for riparian rights; land required, and right of way for pipe line, based upon current market rates for material in S. F. with belt to \$20 at \$4.- per ton, and all expense attending the laying of the pipe added. Matheson Pat. Lock Joint - Lap welded Pipe

29,900 ft. in pipe	21,000.00
13,000 " 6 "	7,200.00
31,000 " 4 "	10,900.00
31,000 " 3 "	7,900.00
24,000 " 2 "	3,600.00
138 Cranes & T's - 5464 lbs wtc	400.00
Gates air valves &c	3,000.00
	<u>\$54,000.00</u>

Distributing Reservoir in Block 43 - 60 ft }
Diameter - 15 ft deep - lined with Concrete }
a brick

2,500.00

Short tunnel at large Spring

250.00

Small masonry dam in Chorro Creek

250 -

Incidental Exps 10% -

57,000.00
5,700
\$62,700.00