

(Revised Assessment Formula - Santa Clara Creek)

1. The State Engineer as of November 1964 set up the following revised formula for the annual water users assessment on Santa Clara Creek. Such formula is based upon the Santa Clara Decree (5th Judicial District Court dated November 6, 1922) and various water delivery data of record compiled by the office.

2. Paragraphs II and XIII of the Decree describes two types of assessed rights, "Power and Irrigators" with a flat 10% annual distribution cost to be born by power rights and 90% by irrigation rights.

3. In reviewing the irrigation rights it is determined that there are three types of rights, i.e., primary, secondary and storage.

4. Primary and secondary rights are based upon the c.f.s. of flow as shown in the Santa Clara decree. Storage rights are as decreed or as State Engineer approved applications. Storage is given in acre-feet of water.

5. Priority of right is as follows:

- A. Primary - direct c.f.s. flow: 1890 or earlier.
- B. Secondary-direct c.f.s. flow-subsequent to 1890.
- C. Storage-Court decreed or State Engineer approved application (maximum storage) right of acre-feet of water.

6. For annual assessment purposes the above three types of priority rights are divided and valued, or weighted as follows:

- A. Primary - Upper Creek 100%
- " Lower end of Creek 67% $\frac{1}{10}$
- B. Secondary - Because of limited flow, 33% of primary.
- C. Storage - Using 1 c.f.s. for 180 days of continuous storage then 1 acre-foot equals 1/90 of 1 c.f.s. or an arbitrary rate of 1/10.
- D. Based on the above, the arbitrary unit weight is as follows:

- (1) Primary Upper - 9 units per c.f.s. (1890 priority)
- Primary Lower - 6 " " " (1890 priority)
- (2) Secondary - 3 units (subsequent to 1890 priority)
- (3) Storage, within basin - 0.03 units per A.F. (maximum storage)
- Storage, out of basin - 0.003 units per A.F. on 1000 A.F. considered as average storage. $\frac{2}{10}$

7. The assessment "ratio" is then determined by multiplying the individual water right by the unit weight.

8. The annual individual assessment factor is the Annual Assessment, (Less Power), divided by the total sum of permanent "ratios" i.e., \$1,500.00 (1963 assessment) Less Power of 10%, divided by 729.50 (ratios) equals \$1.85059 pro-rate factor times the decreed individual

water right, i.e. Bloomington Irrigation Co. (ratio) times (factor) etc., equals that particular year's assessment.

- 1/ Division made because low flows do not reach lower diversion into Seep Ditch only

- 2/ Assessment made on assumed average storage only. No charge made against flow right.

Prepared by



Frank Reese
CONTROLLER
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