

5 Letts Valley
Colusa Co.

2610

August 25, 1961

Mr. Ray Nesbit
Wildlife Conservation Board
722 Capitol Avenue
Sacramento 14, California

Dear Ray:

We have made some progress on the Letts Valley program since the July 12 field trip with Chet Harte, John Mahoney, and Al Rutch.

We are prepared to carry the Upper Letts water around the end of the dam in a spillway and return it to its normal channel, so as to stop the serious erosion which currently threatens the lake itself. Surveys and plans for this structure are being made now. If you or Bob Montgomery would like to review them before we start the work, we will send you prints. A copy of this letter is being sent to Bob.

This overflow water from Upper Letts is not needed for the proposed Lower Letts lake. A survey indicates that water from the natural drainage, plus that from the spring below Upper Letts, could supply several times the proposed storage of Lower Letts.

Also, we do plan to go ahead with the test drillings at the Summit Valley, Lower Letts, and Mill Valley dam sites. The only job for which we have been unable to secure funds is the designing of the proposed dams at these three locations. We are greatly concerned on this point, but unfortunately have no ready answer at this time. The drainage studies on these three locations are attached.

I hope you and Bob Montgomery will give me any suggestions you may have on the above program.

Very truly yours,

[R. E. DASMANN

R. E. DASMANN,
Forest Supervisor

Attachments

cc: Regional Office
Bob Montgomery ✓
Charles Dennis
Stonyford Dist.

Lower Letts Lake (proposed)

- | | | |
|----|---|--------------|
| 1. | Surface area | 27.73 acres |
| 2. | Drainage area | 320 acres |
| 3. | Average rainfall
(Stonyford Cooley Ranch 21 yr.
record) | 54.84 inches |

24.77" min. 1939
96.26" max. 1958

Average: $320 \times \frac{54.84}{12} =$ 1462.4 acre feet

Minimum: $320 \times \frac{24.77}{12} =$ 660.5 acre feet

- | | | |
|----|------------------------------|------------------|
| 4. | Storage | |
| | Est. average depth - 10 feet | |
| | 10 x 27.73 | 277.30 acre feet |

Note:

1. Lake surface area may be slightly less - survey will determine.
2. Rainfall probably is slightly higher as records were made in T 16N R7W Sec. 8 on the eastern slope approximately 4-1/2 miles south east.
3. Storage capacity is not yet known until survey is made therefore area from topo map used and average depth estimated.