

February 11, 1955

ENGINEERING

Attention: Wallace Dry

REGIONAL MANAGER, REGION II

TAYLOR CREEK OUTLET, EL DORADO COUNTY

The plans and specifications for the Taylor Creek outlet meet with our approval except that we would like to have all wood except the incensed cedar chemically treated with Chemonite to prevent it from rotting.

We have not completed negotiations with the Forest Service for the Term Use Permit with changes demanded by the Department of Finance, nor have we reached an agreement with them to guarantee the water flows in Taylor Creek that we desire. Both of these issues should be settled within a month; bids on the project should not be requested before they are.



Robert D. Montgomery  
Regional Manager  
Region II

DwK:jp

cc: H. Anderson  
Inland Fisheries Branch

## DEPARTMENT OF FISH AND GAME

## INTRAOFFICE CORRESPONDENCE

DATE February 16, 1955

TO: Robert Montgomery, Regional Manager  
Region II  
Attention of Don W. Kelley

FROM: Wallace C. Dry

SUBJECT: Taylor Creek Outlet

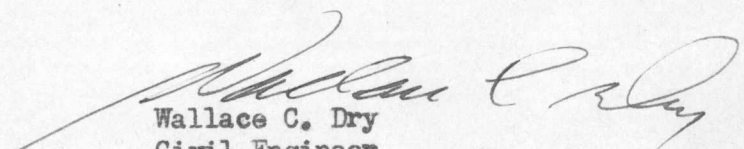
Reference is made to your memorandum of February 11, 1955 requesting preservative pressure treatment for all wood except the cedar sheet piles at the Taylor Creek outlet.

The Taylor Creek outlet structure is designed as economically as possible, inasmuch as the amount set up in the budget is barely sufficient to complete the construction. For that reason, the incense cedar sheet piles were used along with the Ponderosa pine pilings, in fact, the change from a steel structure to a wooden structure was made to effect a saving in cost.

Preservative treatments, as you know, are designed to protect the lumber from dry rot and from insect damage over long periods of time. Preservative treatments are not usually done on the cheaper grades of lumber--that is, the lumber must be scarfed and placed in a pressure chamber for a number of hours so that the preservative material can penetrate a reasonable distance into the lumber. The cheaper grades of lumber will not stand this treatment without cracking and splitting.

We believe that you should consider the probable actual life of the proposed structure at Taylor Creek. In our opinion it is doubtful that the structure will last much over ten years due to the possibility that it will be filled with sand within that time. It seems that chemical treatment for a structure with an estimated useful life of ten years is hardly necessary. We recommend that no chemical treatment be given the lumber and would appreciate your further comments on this matter.

Your note as to the use permits indicates that the permits will be issued within a month, that is, by March 11th. If this is the case, we will be able to advertise the project for bid during the latter part of March and open bids in the latter part of April. We could then accomplish the construction during the summer. Please advise us if this schedule meets with your approval.

  
Wallace C. Dry  
Civil Engineer

WCD:ag

March 8, 1955

ENGINEERING

Attention: Wallace Dry

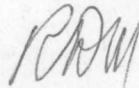
REGIONAL MANAGER, REGION II

TAYLOR CREEK OUTLET

Reference is made to your memorandum of February 16. We feel confident that the Taylor Creek outlet structure will last longer than 10 years, and we would like to see all of the wood, except the incense cedar, treated under pressure to prevent rot. Unless you have knowledge of some better treatment process, we would like to try the copper arsenite treatment of the National Wood Treating Corporation in Oroville. The brand name of this process is Chemonite.

The cost of the treated wood for this project is estimated at \$120 to \$130 per thousand board feet. Treated piling will cost about \$15 each. Delivery to Lake Tahoe will cost somewhere in the neighborhood of \$100. Prospective bidders should be told where they can obtain this product if it is included in the specifications.

We have not yet received the Use Permit from the Forest Service. When we do, we will notify you so that you can advertise the project for bids. We have set a deadline of March 24 with the Forest Service for receiving the Use Permit.



Robert D. Montgomery  
Regional Manager  
Region II

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