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Northwest Marine Technology, Inc.

Pioneering solutions for the problems of aquatic resource management

Mr. Carl Werder
Bureau of Reclamation
2800 Cottage Way, Room E-2710
Sacramento, CA 95825

98-B15

Re: Evaluation of Increased Tagging Levels for Chinook Salmon and Steelhead and a Demonstration Project on Mass Marking

Dear Carl:

I'm following up on the letter I wrote on July 20, 1999. In particular I have more information on the third topic in that letter...additional modeling. I've seen the draft of the modeling done by Ken Newman and Randy Bailey. It is a very good job, but I'm more convinced than ever that the stakeholders are going to want a more extensive evaluation of "what if" scenarios, and therefore a more elaborate and time consuming modeling effort.

They will want to look at more stocks, the impact of freshwater fisheries, the effect of more than just one ocean fishery time period, the influence of and interaction with Klamath hatchery production and fisheries, changes in hooking mortalities, viable strategies for selective fisheries, etc.

I spoke to both Ken and Randy about how to address additional modeling (since Ken now has tenure with the University and even less time available for contract work). Ken has a graduate student who would be available from January 2000 through August 2000. He is quite capable of working with Ken (and doing most of the work!) and comes with a relatively cheap price tag. His tuition and stipend, with University overhead, would be around $2,500 per month, and Ken would need to charge only five percent of his time (with overhead). This would total toward the lower end of the range of cost I mentioned in the July memo.

I look forward to your thoughts.

Sincerely,

Guy T

Guy Thornburgh
CEO, NMT

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