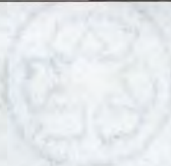




Idaho National Engineering Laboratory



100% RECYCLED
25% COTTON

February 12, 1991

Dr. Jeff Yeo
Department of Fish and Wildlife Resources
College of Forestry
University of Idaho
Moscow, ID 83843

SUBJECT: RENEWAL OF CONTRACT FOR MULTIMEDIA SAMPLING AT TAYLOR RANCH - GJW-04-91

Dear Jeff:

I have initiated the process for renewing our contract for the collection and shipping of samples from Taylor Ranch. According to our budget people, there was a total of \$4841.52 that was not spent before the contract expired, and I simply requested that that sum be rededicated for the purpose of "completing the work requested and collecting some additional samples". The budget person in charge for EG&G is Lou Hong (526-1589), and I gave him both your name as well as Kathy Rumelhart's as contacts at the University. Kathy should be hearing from Lou shortly.

You also asked about analytical costs. For the multimedia trace element samples such as those collected previously at the Taylor Ranch, analysis is performed at the Laboratory for Biomedical Studies at UCLA. Our current contract provides for analysis for some 24-26 elements at a per sample cost of \$16.28 for solid samples (litter, vegetation), and \$10.50 for liquid samples (water, acid soil extract). Sample preparation is performed here at the INEL. Costs associated with the sample preparation activities are a little more difficult to determine. Vegetation and litter are ground in a Spex Mill, and the soil samples undergo acid digestion. Preparation of soil samples requires approximately 8-10 hours of the technician's time for a ten-sample set, and mosses and lichens require about two hours for the preparation for each ten samples. No preparation is needed for water samples.

Please feel free to call me at 6-1214 if you need any additional information.

Sincerely,

Gregory J. White
Senior Scientist
Center for Environmental
Monitoring and Assessment

UNIVERSITY OF IDAHO
Department of Fish and Wildlife Resources
885-6434

Memorandum

Jim Fayio
Contact Greg - Tell him
of our recent conversation
I will call Soumya Salle
and perhaps we can meet
Friday.
John

cc Nancy

DATE: March 9, 1990

TO: Dean Hendee *JH*

FROM: Greg Hayward

SUBJECT: Taylor Ranch Air Quality Monitoring Project

During Oz's absence part of my job is to manage his ongoing research and extension work. One project is the Air Quality Monitoring work begun in cooperation with INEL. That program got off to a fine start last year with the purchase of a state-of-the-art weather station and air sampling unit. In addition Jim and Holly traveled to Idaho Falls to learn the techniques for sampling soil, litter, moss, water, and air.

I feel there may be some important problems with the program which should be addressed with this spring. Last autumn after I learned where the meteorological sampling station was sited, I sent a memo to Ed Krump and yourself voicing my concern. There is some doubt whether the goals of monitoring system can be met given the current sampling site. If this is the case the money and effort being devoted to the project is being wasted and the potential for developing critical long term data is being lost.

Could we meet for a couple minutes to discuss the potential for moving the system. I plan to call the folks at INEL to touch base on the project but would like to talk with you prior to that call.

I hope to talk to you soon.

cc: Mike Falter
Ed Krump