



Idaho National Engineering Laboratory

*over Cliff Cr -
above little bridge
~ 200 ft.
just in 1989
up in Pioneer Cr.*

December 16, 1991

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

TAYLOR RANCH MULTIMEDIA TRACE ELEMENT DATA - GJW-80-91

Dear Jeff:

As you requested, the analytical results from the multimedia samples collected at Taylor Ranch in 1989 are provided on the enclosed floppy disk. The files are in Lotus-123, and are identified by site, year collected, and medium (e.g. FC89LITT.WK1 represents 1989 litter data from samples collected at the Frank Church/River of No Return Wilderness).

The individual sample identification codes may be translated as follows:

FC: Frank Church/River of No Return (sample site)
X: Sample month (October)
89: Sample Year (1989)
A: Sample location "A", the first sampled at Taylor Ranch
03: Sample 3 of the 10-point cluster
LIC: Sample type (lichen)
2: Lab replicate number (of 3)

NBS traceable pine needle and tomato leaf standards were used as part of the Quality Assurance program. Results from these samples are provided at the bottom of each file, and are identified as sample number 11 for each data set. The NBS concentration is provided for each element, as are the measured value and the allowable deviation from this value that we consider acceptable for our program (usually 0.2 or 0.4). To facilitate comparison between the analytical value of the standard sample and the NBS value, upper and lower limits are provided for each element. Ideally, the measured value for the standard will fall within this range for each element. This has not always been the case, however, especially for lead. These particular data sets look very good, compared with others collected over the years.

Split samples are also provided for each moss, litter, and lichen data set. These are identified as sample number 12, and are listed along with the data from the sample from which it was split. Acid blanks were submitted for the soil samples. All QA samples are submitted blind to the analytical laboratory.

Please let me know if you have any questions or need anything clarified regarding the samples. My new address, effective the first of the year, is:



EG&G Idaho, Inc.

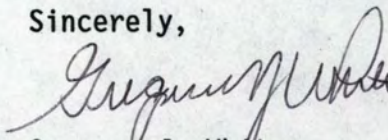
P.O. Box 1625 Idaho Falls, ID 83415

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Greg White
43 Jennifer Lane
Bangor Maine 04401

I will not have a phone until then, but a message may be left with Bruce Wiersma's office, (207) 581-2844.

Sincerely,



Gregory J. White
Scientific Specialist
Center for Environmental
Monitoring and Assessment

wt, P, Na, K, Ca, Mg, Zn, Cu, Fe, Mn, B, Al, Si, Ti, V, Co, Ni, Mo, Cr, Sr, Ba, Li, Ag, Am, Pb,
Cd, As

HPDIET.SYS
GSSCGE.SYS