



Department of Energy

Nevada Operations Office
P. O. Box 98518
Las Vegas, NV 89193-8518

WBS # 1.2.3.4.1
QA

OCT 16 1989

John D. Stewart, Director, NTSO
ATTN: Wayne W. Richardson, NTSO

PACIFIC NORTHWEST LABORATORY REQUEST TO SAMPLE WATER WELL J-13

The Yucca Mountain Project Office (Project Office) has received three requests for permission to sample water from Well J-13. Well J-13 is located in Area 25 on the Nevada Test Site (NTS), adjacent to Forty Mile Wash. One of these requests also asked to sample water from Well J-12. The Project Office has conducted land access and environmental compliance reviews for the J-13 sampling, but reviews are not complete for the J-12 sample request. Therefore, the Project Office approves the requests for sampling of Well J-13 with the provisions listed below. Please provide support for these sampling efforts, for which details are given below. The contractor support required, to unlock the enclosure(s) and run the pump, is not quality-affecting. Any further handling and shipping support will be supplied through Yucca Mountain Project Sample Management personnel in Area 25. Support costs should be charged to Work Order 3472-202, or other existing allocations to NTS contractors. If additional funding is required, please contact Wayne N. Kozai at 794-7953.

In order to ensure protection of the desert tortoise, vehicular traffic is restricted to main and secondary roads shown on the enclosed map (enclosure 1). No off-road traffic is permitted. Discovery of any important resources, such as the desert tortoise or Native American artifacts at or near the Yucca Mountain site, should be reported to Frank R. Maxwell at 794-7573 within 24 hours of sighting.

All harassment of the desert tortoise is to be avoided. Neither the animal itself nor its burrow should be touched or disturbed. Stay at least ten feet away from any burrow that is six inches or larger in diameter. Take special care to avoid hitting animals which may be crossing roads.

The first sample will be approximately 10 gallons to be taken by John K. Bates in two five-gallon containers per his request (enclosure 2), on Tuesday, October 17, 1989.

The second sampling will be conducted by J. C. Laul on Thursday, October 19, 1989. Please note that Mr. Laul is approved to sample Well J-13 only. Per Yucca Mountain Project Operations Control Branch, access to J-12 is denied until land access and environmental compliance reviews are completed. Mr. Laul sampled Well J-13 previously on July 25 of this year. He wishes to collect approximately 15 gallons and run a 'large volume sampler' experiment, which is a flow-through test from which only a filter is collected (see enclosure 3). A similar flow-through test was conducted at Well J-13 in July.

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The third sample will be approximately 100 gallons, taken by a representative of the U.S. Nuclear Regulatory Commission, at a date to be determined. Please contact Paul T. Prestholt at 388-6125 to arrange a mutually convenient time for this sample collection.

Questions should be directed to William T. Hughes of my staff at 794-7959.



Carl P. Gertz, Project Manager
Yucca Mountain Project Office

YMP:WTH-338

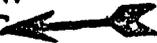
Enclosures:

1. Map of Approved Roads
2. Ltr 9/14/89 Bates to Hughes
3. Ltr 10/2/89 Laul to Gertz

cc w/encls:

J. W. Green, REECO, Mercury, NV

cc w/o encls:

W. A. Springfield, HQ (FW-222) FORS
K. A. Chacey, HQ (DP-123) GIN
S. H. Rossi, HQ (FW-331) FORS
C. R. Head, HQ (FW-322) FORS
S. J. Brocoum, HQ (FW-221) FORS
A. R. Veloso, NTSO
J. K. Bates, ANL, CH
J. C. Laul, PNL, Richland, WA
P. T. Prestholt, NRC, Las Vegas, NV
J. J. Linehan, NRC, Washington, DC 
J. N. Stellavato, SAIC, Las Vegas, NV
S. W. Woolfolk, SAIC, Las Vegas, NV
T. H. Pysto, SAIC, Las Vegas, NV
E. W. McCann, SAIC, Las Vegas, NV
M. M. Dussman, SAIC, Las Vegas, NV
W. R. Jacobs, SAIC, Las Vegas, NV
P. M. Ralphs, SAIC, Las Vegas, NV