



State of New Mexico
ENVIRONMENT DEPARTMENT
DOE OVERSIGHT BUREAU
 P.O. Box 1663, MS/J-993
 Los Alamos, New Mexico 87545

ENTERED



GARY JOHNSON
 GOVERNOR

PETE MAGGIORE
 SECRETARY

PAUL R. RITZMA
 DEPUTY SECRETARY

June 20, 2001

Gene Turner, LAAO
 AIP Point of Contact
 U.S. Department of Energy
 Los Alamos Area Office
 528 35th Street, MS A316
 Los Alamos, NM 87544

RE: Request for analytical data related to core collected from boreholes drilled during the implementation of the Los Alamos and Pueblo Canyons and OU 1098 Workplans

Dear Mr. Turner:

The Oversight Bureau (OB) is requesting a LANL contact in order to access any chemical and geophysical data derived from core that was collected during the implementation of the Los Alamos and Pueblo Canyons and OU 1098 Workplans. As stated in the Los Alamos and Pueblo Canyons Workplan, core was to be collected at the alluvium and weathered bedrock interface from eight boreholes. The OU 1098 workplan stated that five boreholes would be drilled and core was to be collected and analyzed if elevated field reading were encountered. This request will supplement our review of LANL's Hydrogeologic Work Plan modeling effort so that we may independently evaluate parameters such as: 1) contaminant presence and distribution to determine an estimate of inventory, 2) fate, transport and /or remobilization properties such as contaminant solubility and absorption coefficients as they relate to pre- and post-Cerro Grande fire impacts, 3) weathered bedrock-thickness determination, and 4) hydraulic-properties of the core media such as conductivities (K-values). If this data is available, it is our understanding that LANL ground water modelers have incorporated this information into the conceptual model of Los Alamos and Pueblo Canyons.

Thank you for your help, and please contact Michael Dale (672-0449) of our staff regarding this request.

Sincerely,

Steve Yanicak, Program Manager
 White Rock OB Office

SY:mrd



7540

HSWA LANL 4/10/99/LA C-00-006

2

ENTERED

Gene Turner
6-20-01
Page 2 of 2

cc: John Parker, Chief, DOE OB
John Young, NMED, HWB
Mat Johansen, DOE LAAO, MS A316
Julie Canepa, LANL, ER Project Manager, MS M992
Allyn Pratt, LANL, ER FPL, MS J521
Steve Rae, LANL, Group Leader, ESH-18, MS K497