Battelle
Pacific Northwest Laboratories

Project Number

Internal Distribution

File
LB

Date August 25, 1981

To PA Eddy

From JS Wilbur

Subject Monthly Report - August 1981

James Lemmon of the Arizona Department of Health Services, was given a tour of Battelle's Ground-Water Monitoring Program of the Hanford Site. He was taken to the field to observe well structures, and pumping procedures. A hands-on demonstration with the CIRMS system was also presented for Mr. Lemmon.

From the meeting with C. C. Steel of Westinghouse, a $2,000 work order was received for the continued water elevation record of Well 399-4-1. This information from Well 399-4-1 will be used to determine the best time to construct the FMIT foundation, which is now below the ground-water table. This contract is to continue to January 15, 1982.

On August 6, I met with Ben Smith, Operation Engineer for Priest Rapids Dam. I requested a copy of the U.S.G.S. gauge chart from the still well below Priest Rapids Dam from 6-9-81 to 6-20-81. Also the corresponding flow tables and Priest Rapids hydraulic data sheet from June 1981 through December 1981. The U.S.G.S. gauge charts have been received for 6-9-81 to 6-20-81, and June, July flow tables have been received.

The maximum and minimum detection concentration limits for ground water, as well as permissible concentration guides set up by regulatory groups was given to Andy Reisenhauer. This information is to be used with the new ground-water concentration program model.

Our first pump test was set up on Well 699-3-E12. Vern McGhan helped set it up with the boom. Two pump tests were run. This was a very low yield well. At 16.5 gal/min the well was pumped dry in 33 minutes. A pump test report is being generated for this well.

Ed Hilty helped remove the pump from the well. The equipment is all loaded on the generator trailer to be moved to the next pump site.

JSW:gn