Battelle
Pacific Northwest Laboratories

Project Number_____

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Date January 26, 1984

To PE Bramson

From EL Hilty ELH

Subject Monthly Report - January 1984

Well Maintenance

The 1984 version of our annual sample well maintenance and rehabilitation contract is now being put together by the contracts people, preparatory to going out for bid by interested drilling contractors. I have provided them with a detailed 45-well work description, PR#0903 providing funding, and a memo estimating the amount of work hours I think it will take to complete the basic contract.

I have been in contact with Eric Greager, UNC, concerning the rehabilitation of five N Area wells that are currently "sanded in." The plan is to have our remedial contractor attempt to develop these structures under the "special work" portion of our maintenance contract and UNC reimburse us by work order. Eric has agreed to this plan.

Repair was completed on the damaged well casing at 100 N-4 and the sample pump was reinstalled and tested.

The well casing that was destroyed by demolition work at 100-B Area (B5-1) has finally been replaced and the surrounding area filled and graded. The well filled in with debris during this action and will have to be cleaned out with a drill rig during our rehabilitation work. A sample pump will then be reinstalled.

The pump rig (1H-776) is in the garage for routine maintenance and minor repair.

More problem sample wells were pumped for at least a two-hour period to prevent "sanding" problems. This type of remedial action is really starting to pay off. We seldom have monitor reports of a pump "jamming" since I started this prevention program.

I attended two safety meetings during this report period.

M. R. Quarders and I talked about the reasons for some of our 600 Area sample wells not having pumps installed. I explained that some wells just don't "make" enough water to support a pump while others might have piezometers or other obstructions that block pump installation. Also, at sites having several well structures, we only need one pump installation to sample the unconfined aquifer.

ELH:gd