Battelle
Pacific Northwest Laboratories

Project Number

Internal Distribution

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Date August 23, 1982

To C. S. Cline

From E. L. Hilty ELH

Subject INPUT TO AUGUST "82" MONTHLY REPORT

Well Maintenance

1) The "special" drilling effort in the area of "Old Hanford" to pinpoint the downstream boundary of the near-surface clay zone has been successfully completed. It also resulted in a new sampling well -- S39-E3. This well has been developed and has had a sample pump installed.

2) A listing of 51 candidate wells for rehabilitation in 1983 was compiled as requested.

3) A brief report detailing the results of the "special" drilling effort and a map of the work area was completed and sent to C. S. Cline.

4) Two jammed pumps were repaired and are ready to be placed back in service when needed.

5) The driller's logs from the 1982 Well Rehabilitation work have been filed and are available to interested parties.

6) Wells S14-20, F5-6, 54-34, and 66-38 were reported to be pumping dry. These complaints were checked out and the pumps were lowered at each well site. These wells can be successfully sampled by turning the pump off as soon as the water flow stops, waiting 10-15 minutes for the well to recharge, and then restarting the pump briefly to take the fresh sample.

7) Routine sampling of problem wells (sites with a history of "sanding") was accomplished. Well sites pumped for at least two hours included: B3-1, B4-1, H4-3, S3-25, S31-1, 2-3, 37-43, 44-64, 45-69, and 40-62.

ELH:np