Project Number

Internal Distribution

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ELH/File
1b

Battelle
Pacific Northwest Laboratories

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To C. S. Cline

From E. L. Hilty

Subject INPUT TO SEPTEMBER "82" MONTHLY REPORT

Well Maintenance

1) In the next few months, I will check and test-pump (at least 1 hr) each well site that contains one of our sample pump installations -- 239 total. This maintenance effort will identify any existing or possible electrical, mechanical, or site safety problems concerned with pumping a ground-water sample. Forty-two sites have been visited to date and the following problems corrected:

   A) Cracked column pipe was repaired at 17-5 and 40-1.

   B) The pump in 43-3 was "sanded" in.

   C) A missing hose (?) was replaced at 39-1.

   D) Broken coupling repaired at 39-E3.

   E) A minor caving problem around the casing at 48-18 has been filled in.

   F) A Rockwell mud-pit, approximately 6'x20', exists near well 26-15 and could be a safety hazard to vehicles using this area next to the highway to turn around -- especially at night.

2) The new logging truck was sent to Computalog Company in Calgary Canada for installation of the Chasis Box and logging and TV equipment.

3) Two new 5 kw Onan generators have been ordered for the new logging truck.

4) An electric fuel pump was mounted on the pump rig generator.

5) Well 55-57 was surveyed with the TV system. Rockwell was supposed to seal the bottom and perforate this well as a replacement for 54-57 which they cored. The water was too murky to see any perforations or whether the bottom was cemented, but since it was so cloudy (indication of lack of circulation), I assume the well was not perforated successfully and can be discounted as an unconfined aquifer sample well.

ELH:np