

DENTON COUNTY RECLAMATION & ROAD DISTRICT

TO: DCRRD Board of Directors

FROM: Paul W. Phy

RE: Preliminary Inspection Report on Pump #2

DATE: December 18, 2008

REVAK reports significant problems with Pump #2. Briefly,

1. Bushings and Bearings both badly worn as expected
2. Shafts (2) need coating or replacement
3. Impeller worn out; needs replacing (\$25,000)
4. Pump was not mounted properly; very poor alignment; it is binding very badly; they think there may be a structural problem----it should be checked by our engineers
5. Suction Bell needs new liner
6. Estimated Cost \$85-90,000; time to repair 60-75 days (time needed for new Impeller)

I have asked the engineers to meet me Friday (12-19) and they will set up to check all alignments by pumps. The only good thing you can say at this point is that Pumps 3 and 4 somehow escaped all these problems and work fine.