

MEMORANDUM

Date: November 12, 2004
To: Water Right File 22-7472
From: kwilson
Re: Field Report Narrative

The same point of diversion is used for 22-7472 and water right 22-7092. The point of diversion has a 600 hp G.E. electric motor (S/N DLJ416023) with a Peerless pump (S/N 230822) and a booster system with a 200 hp G.E. electric motor (S/N HKJ821188) and a Byron-Jackson pump (S/N 74150758).

An initial field exam was made on July 9, 1999. The measured flow rate was 2717.5 gpm (6.06 cfs), and the estimated flow calculated at 2700 gpm. On February 2, 2000, Garth Sutton (permit holder) came into the office and requested a re-measurement. Mr. Sutton had to have the pump pulled and replaced after the initial field exam was completed. A second measurement was made June 17, 2004. The maximum observed flow rate was 2715 gpm, and the maximum measured flow was 2708.9 gpm (6.04 cfs). The motors and pumps were the same as on the July 9, 1999, exam.

Based on these measurements it is recommended that the original measurement of 2717.5 gpm (6.06 cfs) be used in the licensing of 22-7472.