

MEMORANDUM

Date: (February 16, 2007)
To: Water Right File 22-7698
From: narave
Re: Quantity

Jason Lindford of Sunrise Engineering in Afton, Wyoming (307) 885-8500; states Lions Park well has a capacity of 560 gpm which is equivalent to 1.24 cfs. This data was provided by Allen Elder, former operator for the city of Driggs. This is the diversion rate of water use that is stated in water use. The diversion rate provided in proof of beneficial use was 1.67 cfs. I calculated a theoretical diversion rate based upon 40 ft static water level as stated in the drillers well log, 35 hp pump as stated in the beneficial use field examination, and 60 psi as stated in the beneficial use, with an assumed 70 percent pump capacity, the result of this analysis was a diversion rate of 1.21 cfs. This rate correlated with the 1.24 cfs diversion rate provided, and 1.24 cfs was used.