

MEMORANDUM

Date: August 10, 2007
To: Water Right File 95-9167
From: Shelley Keen *SWK*
Re: Licensing Review

DIVERSION RATE -- The permitted rate was 0.04 cfs, but the field examiner recommended 0.02 cfs based on a 5-gallon bucket measurement with the pressure tank "bled off." A theoretical calculation with a lift of 50 feet and a discharge pressure of 20 psi yields 0.03 cfs. Assuming the lift number is about right and the pump turns on when the pressure is at some figure higher than 20 psi, 0.02 cfs would be reasonable