

## Hour Meters

This method of estimation, unlike the others detailed, works regardless of whether or not the energy meter serves uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two readings and measurements during the year, specifically on January 1 and December 31.

*Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.*

*Average Discharge (gallons / minute) – Based on January 1 and December 31 measurements, this figure is best measured following at least 24 hours of pump operation.*

*Factor A – The result of subtracting the beginning (January 1) hour reading from the ending (December 31) hour reading.*

*Factor B – Average Discharge (gallons / minute) from discharges measured in conjunction with each meter reading.*

**Factor A x Factor B x 60 = Groundwater Withdrawal AF/yr**  
**325,851 gallons**