









MAGSA Meter & Telemetry Specifications

McMullin Area Groundwater Sustainability Agency (MAGSA) policy requires all groundwater wells designed to produce more than two (2) acre feet of water annually located within MAGSA's boundaries to be outfitted with compliant electromagnetic flow metering devices located as the first element in line on the well discharge pipe, on or before January 31, 2025. As outlined in this policy, meters must meet the following specifications.

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| I. 
Flange type or a saddle type meter | II. 
Electromagnetic flow meter and microprocessor based signal converter capable of communicating with remote telemetry |
| III. 
Contain a flow sensor based on Faraday's law of electromagnetic induction | IV. 
Accurate to within plus or minus two percent ($\pm 2\%$) of actual flow |
| V. 
Report actual flow rate and contain an aggregate flow totalizer to capture production volume, with flow reported in cubic feet per second and total pumping reported in acre-feet | VI. 
Appropriately sized for the production rate and discharge piping of the well |
| VII. 
Have a measurement range that matches the expected range of production rates from the well on which it is installed. | VII. 
Meter must be accompanied by qualifying* remote telemetry on each groundwater well. |

