



HB20-1072

SHORT TITLE: Study Emerging Technologies for Water Management

LONG TITLE: Concerning a requirement that the university of Colorado study potential uses of emerging technologies to more effectively manage Colorado's water supply, and, in connection therewith, making an appropriation, conditioned on the receipt of matching funds from gifts, grants, and donations.

SPONSORS: Reps. Arndt and Saine/Sens. Sonnenberg and Bridges

COMMITTEES: House Rural Affairs & Agriculture Committee

PURPOSE OF THE BILL: To authorize a study of emerging technologies and platforms for water management, their applicability and feasibility

PROPOSERS OF THE BILL: Water managers, persons interested in new technologies and efficiencies

POTENTIAL STAKEHOLDERS: Water managers, University of Colorado, Colorado State University – Water Resources Institute

BACKGROUND: In previous years there has been legislative interest shown in the potential for applying blockchain technology to various record keeping functions. A successful bill applied blockchain to agriculture but was not successfully applied to water. This bill broadens the study beyond blockchain to include other technologies to include telemetry, sensors, and advanced aerial observation platforms.

Is the bill necessary this year? No

How does the bill change current law? It does not

How is the bill implemented?: Upon receipt of at least \$40,000 in gifts, grants, and donations, CU will notify the state Treasurer who will release monies appropriated from the General Fund by the legislature to commence the study. The bill prohibits the study from moving forward until such certification that the matching funds have been received.

Does the bill affect prior appropriation? No

Practical consideration: This is a tight budget year, will the legislature have \$40,000 in discretionary funds to appropriate?

Fiscal impact:: No formal fiscal note but the bill calls for \$40,000 from the General Fund