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(57) Abstract :

Present disclosure relates a system (100) and method for blockchain based water management system. The system (102) receives, data in real-time from one or more water reservoirs to block a water source node, and each data point is time-stamped, wherein the data pertains to water-level data. The system (102) manages, by a water supply management module (212), data pertaining to the level of water available in one or more water reservoirs. The system (102) evaluate, by a water usage management module (214), requirement of the one or more user and facilitate water distribution. The system (102) updates, a ledger (104), a consumption report based on the water consumed by the one or more user (112).

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