



Grant Soil & Water Conservation District's 2019 Annual Meeting

Thursday, March 7th, 6-7:30 p.m.

Grant County Airport Meeting Room in John Day

Aquifer Storage and Recovery Presentation

Water is abundant within the stream systems of Grant County, but is seasonally consolidated to times when out-of-stream water demands are at their lowest. The result of receiving seventy percent of annual precipitation in the winter, these streams normally reach their peak flow in early spring fed by melting snow. Water discharge then declines rapidly to its lowest levels in late summer as precipitation diminishes and air temperatures rise. In contrast, agricultural irrigation increases to its highest level, creating a seasonal water deficiency that is suppressive to agricultural production, limits area development opportunities, and represents an ongoing concern to ecological conditions.

Managed groundwater recharge is a practicable option to retain surface water at times of surplus to enhance stream flows and supplement irrigation withdrawals during shortage periods. These types of systems further avoid the significant costs and environment impacts of above ground storage projects, making their authorization and implementation much more feasible.

Hydrogeologist Phil Brown will be presenting information and professional experiences in the design and implementation of groundwater recharge and recovery projects, along with his accomplishments to successfully address water supply imbalances throughout the Pacific Northwest.

Please join Grant Soil and Water Conservation District for this informative event as part of its 2019 Annual Meeting. Complimentary refreshments will be served. Contact Jason Kehrberg at 541-575-0135 ext. 110 or <mailto:jkehrberg@ortelco.net>