



## **AIRBORNE ELECTROMAGNETIC SURVEY TO BE CONDUCTED IN PORTIONS OF GRANT COUNTY**

Grant Soil and Water Conservation District (SWCD), in partnership with the Bureau of Reclamation (BOR), Oregon Water Resources Department (OWRD), Oregon Office of Emergency Management (OEM) and Federal Emergency Management Agency (FEMA) will be conducting an Airborne Electromagnetic (AEM) survey in Grant County.

### **WHY?**

This survey will collect information regarding aquifer conditions to define potential groundwater zones as well as possible aquifer storage and recovery (ASR) sites.

### **HOW?**

Sensors will be mounted on a frame slung below a helicopter. The sensors will collect information as the helicopter flies along a path over open spaces approximately 200 feet above the ground. The flights will occur during daylight in public airspace and avoid populated areas, residences or confined livestock. The collected information will be processed later this fall to show the distribution of clays, sands and gravels below ground up to 800 feet deep throughout the project area.

### **WHERE?**

The project area includes predominantly private land from the headwaters of the John Day River southwest of Prairie City downstream to Dayville.

### **WHEN?**

Flight Operations will begin this summer and are expected to last 10 days depending on the weather, wildfires and other conditions.

**Visit [grantswcd.net](http://grantswcd.net) for more information**

