

**COMMISSIONERS' MINUTES  
KITITAS COUNTY, WASHINGTON  
COMMISSIONERS CONFERENCE ROOM  
SPECIAL MEETING**

**WEDNESDAY**

**10:00 A.M.**

**SEPTEMBER 21, 2011**

Board members present: Chairman Paul Jewell, Vice-Chairman Alan Crankovich and Commissioner O'Brien.

Others: Mandy Robinson, Deputy Clerk of the Board, Matt Ely, USGS; Kevin Lindsey, County Contracted Hydro-Geologist; Neil Caulkins, Deputy Prosecutor; Suzanne Becker, Deputy Prosecutor; Maria Canfield, Public Health Administrator; James Rivard, Environmental Health Supervisor.

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**SPECIAL MEETING**

**USGS - UPDATE**

**COMMISSIONERS**

At 10:00 a.m. Chairman Jewell opened a Special Meeting to receive an update on the Upper Kittitas County Groundwater Study.

Matt Ely, USGS presented the Board with a Power Point handout. He gave a brief history and timeline for those not familiar with the project. He discussed with the County staff the spring synoptic water-level measurements, summer synoptic water-level measurements and precipitation (rain & snow) and pore water isotope samples.

There was discussion on what exactly tritium & isotope samples are and the complexity of the different samples, as well as a brief discussion on the different water signatures that they have obtained. There was discussion on what a transducer is and what it does. Mr. Ely explained how they can set up the transducers to pull samples every 5, 10, 15 etc., minutes. There was discussion on seepage measurements and on what a distributed temperature sensor is. There was additional review and discussion on the watershed modeling (precipitation runoff modeling system, updated through water year 2010). Mr. Ely indicated that there is a potential agreement with the geography department at CWU. He explained that they are investigating the potential of borehole geophysical and flowmeter measurements. He indicated that their fiscal year is ending on 9/30/2011 and with the winter months coming, they will wait until 2012 to get the distributed temperature sensor out again

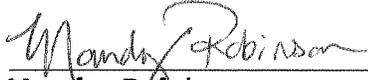
Commissioner Crankovich questioned the impacts of the years where there is extreme flooding.

Commissioner Jewell asked that the Board receive the scope of work that will be proposed to the geography department once it is an accepted document. He questioned when the Yakima Basin Report would

be available for review. Mr. Ely explained that it is on-line and was released last week.

The meeting was adjourned at 11:26 a.m.

DEPUTY CLERK OF THE BOARD

  
Mandy Robinson

KITTITAS COUNTY COMMISSIONERS  
KITTITAS COUNTY, WASHINGTON

  
Paul Jewell, Chairman