



**Meeting Minutes**  
**January 14, 2016**  
**Large Conference Room**

**Meeting Called to Order:**

Jason Nutsford (KPUD) called the meeting to order at 10:07 AM.

**Minutes:**

Shawn O'Dell (Washington Water) motioned to approve December's minutes. Jason seconded. Minutes approved for December 2015.

**Treasurer's Report:**

The current bank account balance is \$2,408.68 with no outstanding debits or checks. Membership invoices will be going out by the end of the month. Jason mentioned getting together as a group to go over our budget for the year.

**New Business:**

- Matt Bachmann, Ph.D., with the USGS Washington Water Science Center in Tacoma, gave a presentation about climate change and the anticipated impacts on the hydrologic cycle. The presentation will be added to the WaterPAK website.

Highlights included:

- The climate is warming which will lead to an increase in summer droughts and winter floods
- Warmer temperatures cause a decrease in snowpack, which leads to a decrease in summer streamflow, causing a loss of habitat for both aquatic and non-aquatic life.
- Inadequate irrigation supply is inevitable due to a decrease in groundwater. High water costs will make it unprofitable for farmers on the east side of the state to continue to grow certain crops, such as apples.
- Bull Trout rely on glacier water-late season cold water. In 50 years, those glaciers will be gone and fishery scientists don't know yet what will happen to all the endangered fish species that rely on the glacier water.
- USGS uses recharge reduction—runs off the surface to rivers and streams or it evaporates. The average precipitation number stays the same, the recharge number decreases every year.

**General Discussion:**

- Jason mentioned the passing of a long-time WaterPAK member, Dan Moore.
- The recent article in the Kitsap Sun about earthquakes was discussed
  - Kathleen Cahall (COB) says that there will be a series of articles, which will touch on the direct devastating impact that the "Big One" will have on the Seattle area. She mentioned that the EPA contacted her about updating their preparedness manual with info from the COB. The idea of having someone from the EPA come and give a presentation was mentioned.

**Adjournment:**

Shawn gave a motion to adjourn the meeting at 11:20 AM.