

SPECIAL REPORT March 4, 2003

The next State Water Forum meeting on March 4, 2003 will be held in the SEO conference room, Herschler Building 4E. Myron Brooks, United States Geological Survey, will give an update on the USGS. Please plan on attending this meeting; Mr. Brooks always have very important information to share with the group.

SPECIAL REPORT

February's meeting focused on water planning efforts throughout Wyoming. This meeting has a different format. The Wyoming Water Development Commission (WWDC) leads off presenting its water planning program's process and progress. Barry Lawrence, Robin Gray, and Chace Tavelli shared the time presenting for the WWDC. They used PowerPoint in combination with Internet access to the water planning web site (waterplan.state.wy.us). Mr. Lawrence started by talking about the general structure and birth of water planning. The costs, design to meet the needs of the public, the inclusion of the BAG members in making decisions and creating issues, and finally the water use profiles focusing on agricultural, domestic, industrial, municipal, recreational, and environmental uses were some of the topics he discussed. He noted the necessity to define water use and the amount of water within the basin to help determine water availability, or lack thereof, as a final planning product.

Mr. Tavelli then discussed some of the important aspects and functions of the spreadsheet model, the types of data available and its contribution to the model, as well as where the model can be downloaded for public use. The spreadsheet model is the tool used to identify the aforementioned water availability. He noted the creation of three models for each basin reflecting the average dry, wet, and normal years respective to stream flow and usage. His final note was that with the use of different hydrologic conditions, diversion practices, and how the model uses these data, that the model could generate a general determination of where water may be available/not available.

Mr. Lawrence then discussed the future water use opportunities defined by the BAG members and consultants working on the plans. He then moved through Wyoming describing each basin plan geographically, its current progress, the types of special interests represented in the basin advisory groups (BAG), the average number of meeting attendees, as well as some of the unique and divergent topics important to a specific basin.

During the presentation Robin Gray correlated the topics being discussed with the web site. As Mr. Lawrence or Mr. Tavelli discussed a topic Mrs. Gray would display the location on the web site where the topic is referenced. Mrs. Gray also used brief interjections to explain what she was doing with respect to website data entry and maintenance as well as showing parts of the web site not specifically addressed by Lawrence or Tavelli such as data locations, navigation of the site, and how to download the data. This display helped show the ease of use and the actual products/results from water planning.

DATE	AGENCY	DISCUSSION ITEM
March 4 th	United States Geological Survey – Myron Brooks	USGS update

April 1 st	United States Bureau of Reclamation – John Lawson	USBR update
May 6 th	University of Wyoming – Greg Wilkerson	Modeling CBM Surface Water Impacts Using Erosion Potential Modeler