

### MRCDC Member Meeting Report – Jim Beck

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| <b>Who:</b>          | Jim Beck, Broadwater CD  |
| <b>What:</b>         | Greater Gallatin Watershed Council, Annual Meeting   |
| <b>Where:</b>        | Holiday Inn, Bozeman, MT   |
| <b>When:</b>         | January 26, 2011, 5:30 pm – 8:30 pm  |
| <b>Why:</b>          | Learn about the cost of new water supplies (municipal and industrial) for front range cities   |
| <b>Speakers:</b>     | <ul style="list-style-type: none"> <li>▶ Dr. Douglas Kenney, Director, Western Water Policy Program, University of Colorado</li> <li>▶ Kath Williams, US Building Green Council</li> <li>▶ Dr. Timothy Fitzgerald. Dept of Ag Economics, MSU, Bozeman</li> </ul>   |
| <b>Accomplished:</b> | <ul style="list-style-type: none"> <li>▶ Facilities to develop a new water or storage source have a capital cost in the \$12,000 - \$15,000 per acre-foot range (\$0.04 - \$0.05 per gallon)</li> <li>▶ Buying Ag water and converting to municipal use is often less expensive at \$10,000 \$12,000 per acre-foot, but Ag water is becoming more scarce</li> <li>▶ Both new development and Ag water conversion have significant operating costs</li> <li>▶ Water saving measures typically run \$5,000 - \$6,000 per acre foot with little operating cost</li> <li>▶ Designing for water savings leaves less reserve capacity in the system for emergencies or changing conditions</li> <li>▶ There is a fear that available water to develop is becoming scarce and if the infrastructure and legal rights for development are not in place now, they may not be available later</li> <li>▶ Ag water savings is often difficult to implement because labor is often a much larger portion of the cost than the water</li> </ul> |
| <b>Follow Up:</b>    | ▶ None   |