

DD/08-230-02

October 9, 2012

Melody Ranch HOA  
P.O. Box 4337  
Jackson, WY 83001

ATTN: HOA Board of Directors

**RE: Melody Ranch –3<sup>rd</sup> Well Review - Comments on WDEQ Conclusion**

Dear Board Members:

I have reviewed the October 5, 2012 letter which was prepared by WDEQ regarding water supply at Melody Ranch.

WDEQ concluded, as I have previously, that the Melody Ranch Water System is capable of supplying the annual average daily flow with one well out of service. However, WDEQ also concluded that although the WDEQ minimums are met with the two existing wells, there is no guarantee that the water system will adequately serve the current and projected maximum daily demands with only one pump operating.

This conclusion is concerning from a health and safety standpoint. If the system is inadequate to meet maximum daily demands, fire protection needs during maximum daily flow occurrences, may also be inadequate. Therefore, if a well were to go out during the summer months, water use practices such as irrigating, will be required to change or there will be a risk to the availability of supply for essential domestic and fire protection purposes. Because of the developer requirements for significant landscaping and irrigation, a water supply system which accommodates these extraordinary needs in excess of the WDEQ minimums should have been provided so that the homeowner's investment is protected and to ensure adequate fire protection during periods of high demand.

Respectfully Submitted,



Dave Dufault, PE  
Project Engineer