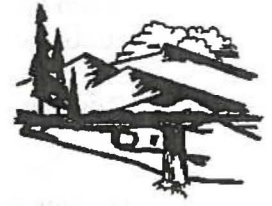




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Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Matt Mead, Governor

John Corra, Director

October 5, 2012

David Quinn
Melody Ranch Developments
4750 South Park Loop Road
Jackson, WY 83001

Melody Ranch Home Owners Association
P.O. Box 4337
Jackson, WY 83001

RE: Third Well Requirements for Melody Ranch Subdivision
Located in Teton County, Lat. 43.418, Long. -110.783

To Whom it may concern,

The Northwest District Engineer's Office of the Wyoming Department of Environmental Quality (DEQ) was requested to review the documents produced by Nelson Engineering and Jorgensen and Associates regarding the need for a third potable water supply well to serve the Melody Ranch Subdivision.

Chapter 12 of the DEQ Water Quality Rules and Regulations was enacted into law, in part, to assure that public water systems in the State of Wyoming are capable of providing water in sufficient quantity for domestic users.

Existing water use records indicate that Jorgensen and Associates is correct in their assertion that the Melody Ranch water system is capable of supplying the annual average day flow with one well out of service, as required by Chapter 12.

DEQ also concurs with the following statement made by Nelson Engineering in their letter dated June 22, 2011:

"... WDEQ also requires that the total supply be capable of providing the maximum day demand. Since the WDEQ minimums are based upon average annual demands, designing supply on this basis can often leave systems short of capacity to supply summer average day demands and significantly short of supply to provide summer maximum day demands, particularly when a well is out of service."

To summarize, DEQ concurs that the two existing wells satisfy Chapter 12 regulations; however, this does not guarantee that the existing water system will adequately serve current and projected maximum day demands with only one pump operating, especially with current irrigation practices.

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • <http://deq.state.wy.us>

ABANDONED MINES
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(307) 332-6755
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LAND QUALITY
(307) 332-3047
FAX 332-7726

SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

WATER QUALITY
(307) 332-3144
FAX 332-7726



If you have any questions, please contact Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

A handwritten signature in black ink, appearing to read 'Hannes Stueckler', with a long horizontal flourish extending to the right.

Hannes E. Stueckler, P.E.
Assistant Northwest District Engineer
Water Quality Division

xc:

Paul E. D'Amours, Hess, Carlman & D'Amours, LLC, 30 East Simpson St., Jackson, WY 83001
David K. Larson, Mullikin, Larson & Swift LLC, 155 E. Pearl St., Suite 200, Jackson, WY 83001
Gabe Klamer, Teton County, 200 Willow Street, Jackson, WY 83001