BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics
Hydrology
Water Resources

March 15, 2004

Karl Dreher, Director
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83706

RE: Petition for Exclusion from March 10th Amended Order (Rangen)

Dear Karl:

Under the provisions of the Amended Order In the Matter of Distribution of Water to Water Rights Nos. 36-15501, 36-02551, and 36-07694 (Rangen), any ground water user with a consumptive water right prior to July 13, 1962 within WD 130, and who is not a member of either the North Snake Ground Water District or the Magic Valley Ground Water District may petition the Director setting forth the reasons why he or she should not be subject to the order.

Webb Basin Dairy operates a dairy in Section 35 T9S R28E under water right 43-7306 which has a priority of 9/17/1990. This point of diversion and place of use is located within WD 130 but not within either of the Ground Water Districts.

This site is within a part of WD 130, which is outside the boundaries of the ESRPA model, and is underlain by aquifers more related to the Raft River system than to the ESRPA. In fact, the locations of the boundaries of WD 130 in this area do not seem to have any hydrologic significance.

I have performed a hydrologic impact analysis using the Transfer Spreadsheet for the ESRP to determine the potential impact of pumping at the dairy, and sites east of the dairy within WD 130 on spring flows in the Milner-King Hill Reach. The computer output for that analysis is enclosed.

Since the dairy and areas to the east are not located within an operating node of the ESRPA model, I used the nearest node (7,32) for the analysis. The results show that the steady state impact on the Milner-King Hill reach from pumping at the dairy and irrigated areas is not more than .03 percent which is insignificant and beyond the capability of the model to identify.

CHARLES E. BROCKWAY, PH.D., P.E.

CHARLES G. BROCKWAY, PH.D., P.E.

2016 NORTH WASHINGTON STREET • SUITE 4

TWIN FALLS, IDAHO 83301

208•736•8543

FAX: 736•8506

On behalf of Webb Basin Dairy, I am submitting this petition to exclude the Webb properties in this part of WD 130 from the March 10, 2004 order.

Sincerely,

Charles E. Brockway P.E. PhD.

Enclosures

Aerial Photo
Transfer Spreadsheet Output

Cc: Webb Basin Dairy
Corbin Knowles -- IDWR, Twin Falls