

MEMO

State of Idaho

Department of Water Resources

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Date: March 27, 2013

To: Monica Van Bussum – Water Supply Bank

From: Mike McVay – Technical Hydrologist, Hydrology Section

Subject: Lance Funk 3013 Water Supply Bank rental analysis

As you requested, the Hydrology section (IDWR) has analyzed the Lance Funk Water Supply Bank application for 2013. The analysis employed ESPAM1.1 to determine if the rentals/transfers will result in reduced flow to the Snake River.

The IDWR analysis of the proposed rental/transfer of water rights indicates that there is no need for further mitigation. The set of analyses submitted by Mr. Funk's consultant (Brockway) contained several small errors; however, the errors did not significantly change the final results.

Brockway mistakenly submitted a duplicate of one the transfer tool analyses (effectively omitting one of the analyses). This means the IDWR and Brockway results are not directly comparable. Although the results are not comparable, discussions with Brockway indicate that the IDWR analysis contains the correct input values.

The data used to evaluate the rental/transfer are being submitted to you in an Excel workbook entitled FUNK_WB_TRANSFER_2013.

Please feel free to contact me with questions or comments.