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DEPARTMENT OF
WATER RESOURCES

August 27, 2010

Mat Weaver, P.E.
Idaho Department of Water Resources
322 East Front St.
P.O. Box 83720
Boise, ID 83720-0098

Subject: Amended *Beneficial Use Field Report* (Permit 63-31949)
Response to Request for Additional Information (Permit 63-31949, Permit 63-32337)

Dear Mat:

On behalf of the City of Nampa, we are pleased to submit the following information in response to your email correspondence dated August 3, 2010.

Permit 63-31949 (Vista Ridge)

First, please note the enclosed amended field report for Permit 63-31949. During our recent review, we identified and corrected two typographical errors on Page 2, and a related error on Page 3 of the report. The corrections are shown in red and overstrike/underscore format for easy review. Permit 63-31949 authorized the diversion of 3.40 cfs from the Vista Ridge well. Part F of the report form includes a discussion of the theoretical production rate of the installed pump, referring to the appropriate pump curve (a copy of the pump curve was attached to the original field report). The lower of the two values discussed (3.34 cfs) was then recommended as the diversion rate. This was an error, which is corrected in the amended field report.

Your email correspondence identified the need to establish the actual diversion of the recommended rate (3.40 cfs in the amended report). Upon review of the measurement data collected by City of Nampa staff (and submitted with the original field report), we note that the pump produced 2300 gpm (more than 5 cfs) on May 16, 2008. This production occurred at less than optimum pressure (20 psi) but it demonstrates the ability of the pump to produce the permitted 3.40 cfs under normal operating conditions and adequate demand.

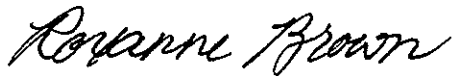
Permit 63-32337 (Happy Valley)

In your email correspondence, you requested the "total annual volume" and "maximum daily volume" diverted during the development period of the Happy Valley well. You may recall the City of Nampa originally intended to connect the Happy Valley well to its potable municipal supply system. The water produced by the well exceeded the drinking water standard for uranium, and the City subsequently decided to protect its investment in the facility and connect the well to the municipal irrigation system.

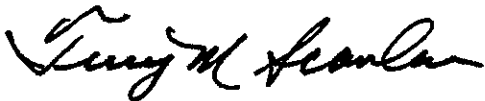
Although the well was completed in January 2007, the water quality issue and construction delays associated with converting the system from potable to irrigation use prevented connection and use of the well until June 2009. The City began acquiring production data in June 2009. *Proof of Beneficial Use* was due August 1, 2009 and the field exam and *Proof* were submitted July 31, 2009. Given these constraints, the City is unable to provide a total annual volume without relying on data acquired after *Proof of Beneficial Use* was submitted. We enclose 2009 and 2010 data acquired by the City, and a composite graph displaying our estimate of the annual volume developed during the permit period, had the City been able to use the Happy Valley well. We believe a reasonable estimate of total annual volume is 176,430,000 gallons (approximately 540 acre-feet), based on this data. We estimate the maximum daily volume produced was 2,192,000 gal (6.7 acre-feet), on August 3, 2010 (calculated as an average value over the number of days between volume readings).

Please contact us with any additional questions regarding these field exams.

Sincerely,



Roxanne Brown
Senior Water Right Specialist



Terry M. Scanlan, P.E., P.G.
Certified Water Right Examiner 11-129

Cc: Michael Fuss – City of Nampa
Chris Meyer – Givens Pursley

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