

Hydro Logic, Inc.

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WATER RESOURCES
WESTERN REGION

February 5, 2009

Mr. Steve Lester
Water Rights Supervisor, Western Regional Office
Idaho Department of Water Resources
2735 Airport Way
Boise, Idaho 83705-5082

Subject: Application For Amendment of Permit No. 63-31630

Dear Steve:

Attached to this letter, please notice an Application For Amendment of a Permit on behalf of my client, the City of Meridian (City or Meridian). The City wishes to amend its water right Permit No. 63-31630 by changing one of two points of diversion. When filed, Application for Permit No. 63-31630 proposed two points of diversion in the same $\frac{1}{4}$ $\frac{1}{4}$ section. One of the originally proposed two wells (City Well #25) has been drilled, constructed, equipped, and brought on line to the City's water distribution system. Owing to a new understanding of the underlying ground water chemistry from a test well drilled on the same site, the City no longer intends to drill the second well to a deeper level on this site. Rather, it seeks to drill the second well at a new site approximately $1\frac{1}{2}$ miles due south (see attached map).

We have evaluated all existing wells within $1\frac{1}{2}$ miles of the new proposed well site (City Well #28) and most of these (all of the deepest) are plotted on the attached map. As is the case in most of Meridian, the depths of wells are relatively shallow, ranging from 60-to-200 feet below the surface of the Sunrise Terrace. Wells drilled on the Amity Terrace to the south are somewhat deeper, in the 200-300 foot range, to compensate for the rise in topography but are actually no deeper in the geologic section.). It is my professional opinion that the proposed City Well #28 will not have an adverse effect on area domestic wells because 1) there are very few wells within a half mile of the proposed site, 2) the existing wells are shallow, and 3) previous experience with the last 16 Meridian supply wells, over as many years, has not shown such impacts. Rather, we see very little drawdown even in the pumping wells themselves. I have also contacted United Water Idaho, Inc. with respect to this application and they have indicated that the water company has no concerns.

Owing to the above observations and opinion, it is the City's hope that the proposed amendment of water right Permit No. 63-31630, to change a point of diversion as described on the attached application, can be effected without the need for a second public advertisement period. If IDWR is not comfortable with the proposed changes without public advertisement, perhaps the City could agree to a monitoring plan or some such other safeguard to demonstrate that the proposed new well is not causing damages to existing water rights. The City's concern lies with its current water demand and the

length of time needed to bid, contract, drill, construct, develop, test, house, equip, and bring the new well on line.

This application consists of the following documents:

- 1) A completed Application For Amendment of a Permit (IDWR Form 211) signed by the City of Meridian Public Works Director.
- 2) A 7½-minute USGS topographic series map showing the existing and proposed point of diversion with respect to area domestic wells.
- 3) A map showing the extent of the City's municipal water service area.
- 4) A check in the amount of \$50 to cover the IDWR processing fee.
- 5) This cover letter.

Please call me directly with any questions or additional information request the Department may have.

Thank you for considering the City's request for expedited processing.

Respectfully,

Ed Squires



c: Tom Barry, City of Meridian Public Works Director
Rick Clinton, City of Meridian Water Department Superintendent
Roger Dittus, United Water Idaho, Inc.