



HOLLADAY ENGINEERING CO.

ENGINEERS • CONSULTANTS

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MAY 18 2004

WATER RESOURCES
WESTERN REGION

May 17, 2004

John Westra
Western Regional Office
Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

Re: Application for Drilling Permit for Well No. 3 and Request for Expedited Processing of
Application for Transfer of W.R. 67-2306, City of Cambridge, Idaho

Dear Mr. Westra,

We are submitting an Application for Drilling Permit to construct City of Cambridge well no. 3 as temporary replacement well for Cambridge well no. 2 under water right 67-7377. Cambridge well no. 3 will be constructed on a City owned well lot located in the SW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 2, Township 14 N, Range 3W. A final set of Cambridge well no. 3. plans and specifications were submitted to IDWR on May 14, 2004 and are pending final approval by IDEQ under Idaho Rules for Public Drinking Water Systems.

In July of 2004, the City will begin construction of the Municipal Water System Improvement Project, which requires disconnection of well no. 2 from service for motor refurbishing, electrical and plumbing upgrades and installation of a new municipal pump station at the site. The City anticipates a municipal water supply shortfall to occur due to inadequate production at Cambridge well no. 1 and needs a replacement well on-line while well no. 2 is out of service. As discussed, the City proposes to construct and operate Cambridge well no. 3 as a temporary replacement well to meet water demands while well no. 2 is out of service. Cambridge well no. 2 will remain temporarily abandoned and physically disconnected while Cambridge well no. 3 is in service under water right 67-7377. The diversion rate at well no. 3 is estimated at 450 gpm during peak demand periods and will remain under the maximum diversion rate of 1.89 cfs licensed by water right 67-7377.

Under a replacement well drilling permit, the City will agree to temporally abandon Cambridge well no. 2 while well no. 3 is in service. When construction is completed at well no. 2, the City will agree to temporally abandon well no. 3 until a permit is issued under the pending application for transfer of water right 67-2306 or the City obtains a new water right permit for well no. 3. Temporary well abandonment all cases will consist of physical disconnection of the power supply and water works at the wellhead.

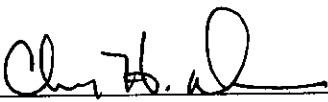
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On February 5, 2004, the City submitted an Application for Transfer of Water Right to add well no. 3 (new POD) to water right 67-2306. The City is requesting expedited processing of this application to avoid an anticipated municipal water supply shortfall in the coming months. Due to a delay in processing of this transfer application for the construction and operation of well no. 3, the City has submitted an application for drilling permit to replace well no. 2 under water right 67-7377 as an interim solution. The City still needs to secure a water right as soon as possible to operate well no. 3 as part of the municipal system with well no. 2. Under the Municipal Water System Improvement Project, well no. 1 will be removed from municipal service due to inadequate production, poor well construction, and elevated arsenic levels and will be replaced by Cambridge well no. 3. Well no. 1 will be retrofitted for non-potable irrigation use at the City Park.

If you have any questions or require additional information, please contact Chris Duncan at (208) 642-3304.

Sincerely,
HOLLADAY ENGINEERING COMPANY

By: 
Chris Duncan
Project Geologist

Cc: Larry Kellar, Mayor, City of Cambridge

JUL 12 2004