

Weaver, Mathew

From: Weaver, Mathew
Sent: Wednesday, February 25, 2009 5:01 PM
To: 'gbullindog@msn.com'
Subject: Water Permit 85-7645

Mr. Snyder,

Thank you for preparing and returning the assignment of permit document. The assignment of permit represents the first step necessary in perfecting permit 85-7645 into a final water right. A water right is defined by a beneficial use (i.e. domestic, municipal), a source of water (i.e. ground water), a rate of diversion (1.70 cfs requested on your permit), an annual volume, a place of use (where the water is used) and a season of use, among other things. The values associated with the diversion rate and the amount of land to be irrigated on a water right license can never exceed the amounts on the permit, but they can be less. In order to perfect the permit into a water right license I need to confirm the extent of beneficial use at the time Proof of Beneficial Use was submitted to the Idaho Department of Water Resource (the Department), in your case August 15, 2003. In September of 2004 the Department Field Examiner reported a diversion rates (0.15 cfs) substantially less than the permit allowed for, and did not address extent of irrigation. Therefore, if I issue a license based solely on the content of the Field Exam it will be for significantly less than you may be entitled to. To help me issue the best possible license for you and your project I will require addition information and documents pertaining to the development. If you could, please completely answer the following questions regarding your permit and development project and provide the requested documents where possible.

- The permit is for domestic use and irrigation. I would propose modifying the permit's beneficial use to Municipal use which would cover both domestic and irrigational uses among many other uses. As additional benefit to this change in beneficial use would be a year round season of use for all beneficial uses including irrigation.
- Irrigation was a beneficial use recognized under the initial permit. I assume the irrigation was in association with the golf course. Did it also include any community areas? Can you please provide a map identifying all golf course and community areas that were irrigated in 2003? As an alternative you could provide As-Built construction plans of the pressurized irrigation system installed as of 2003 or perhaps a copy of the Idaho Department of Environmental Quality (DEQ) "Stamped Approved" set of plans. Your water right will have a volume limitation on it, which will be calculated based on the domestic and irrigation uses established as of 2003. The more land you irrigated the larger your annual volume limitation will be. Aerial photography indicates that there was a golf course in 2003 but I can not determine to what extent it was irrigated.
- It would be helpful to have a copy of the Final Plat document(s) depicting legal description and lot and block numbers for the entire subdivision.
- I need to be able to determine an annual volume of water used for domestic purposes (in home uses) in 2003. This includes all lots on which a home was built, being built, or already had a domestic water stub out (service connection from water main to lot; meter not required). To help me with this task I need a map of all utilities constructed prior to August 2003, including well(s), the storage tank, main lines, and all services (including stub-ins to lots where no houses were yet built). It would be ideal if you could provide an As-Built set of construction plans for each phase completed by the end of 2003 to assist in this task. If As-Built are not available copies of the DEQ "Stamped Approved" set of plans may suffice.
- At the time of the Field Exam a flow rate of 120 GPM or 0.13 CFS was observed at a water meter in the pump house; the permit requested 1.70 cfs. There is a very large discrepancy between these two values and I do not wish to issue a license for less than you are entitled to. Do you have historical flow rate, annual volume of water pumped, or power consumption records from 2003 that would help me establish a true maximum rate of diversion? If so please provide.
- Condition number seven on your permit indicates two points of diversion located within SESE, S35, T36N, R05E. In addition, IDAPA 58.01.08-513 states, *"New community water systems served by ground water and constructed after July 1, 1985, or existing community water systems served by ground water that are substantially modified after July, 2002, shall have a minimum of two (2) sources if they are intended to serve more than twenty-five (25) homes or equivalent."* However, at the time of the Department's Field Exam only one well was reported. Can you please confirm that (1) there are two wells servicing the project; and (2) the lot and block description of the location of the wells? In addition, could you please provide a lot and block description of the storage tank?

That is all I have for right now. I will await your reply before moving forward with the water right license. If you have any

questions please contact me by phone or email as provided below.

Thank you,

Mat Weaver, PE
Staff Engineer
Idaho Department of Water Resource
(208) 287-4914