

MEMO

To: 22-7814 City of Driggs

From: Sandy Hemenway

Date: 5/11/2011

REF: Review for Licensing

A Permit to Appropriate Water was approved on 10/10/2000, with proof of beneficial use due on or before 10/1/2005. **Proof of Beneficial Use** was submitted on 1/29/2007. A **Reinstatement Order** was issued on 3/22/2007, which advanced the priority date to 1/29/2007.

Ownership

POD: Tax Lot information shows 3/18/2009 updated information, with the City of Driggs owning the well lot.

POU: Tax Lot information shows 3/18/2009 updated information, with multiple owners owning the lots within the Valley Centre Sub (Teton Dev. LMTD, Wells Construction LLC, Victor Mountain Retreat LLC, Valley Centre Property Owners, Arrowhead Property Dev LLC, 5 One Investment Co LP, Morgan Group LLC, District 7 Health Dept., Hendrickson Family Trust, and Red Hawk Investment. The Tax Lot information **describes each lot within the POU with the legal of the Valley Centre Sub.**, which also matches the POU submitted with the Application for Permit.

On 9/29/2010, a **beneficial use field examination** was conducted by Paul Scoresby of Rocky Mountain Environmental 482 Constitution, Idaho Falls, ID 83402 (208) 524-2353. The owner was listed as the City of Driggs, as shown on the 4/2/2007 Assignment of Permit. The municipal well is a 16 inch casing, 252 ft deep, with a 40 ft static, showing a 2000 gpm yield on the well drillers report and 165 ft drawdown with an 8 hr test time. There is a 6-inch discharge, Franklin Motor, 60 Hp model No. 239602, Goulds Model 7THC pump, and a 6-inch **McCrometer propeller flowmeter** model No. ML106, serial No. 05-11348 which was calibrated on 11/16/2005. Volumetric flows were taken due to the variation of the instantaneous flow meter needle. Flow was measured at 900 gpm over 3 minutes. The mainline reducing to 1-inch line going to each of the lots within the Valley Centre Subdivision. The subdivision mainline was connected to the City of Driggs Municipal Water System in 6/2007 (see detailed comments below).

No POU/POD Overlaps. There are no municipal use POU overlaps, but are irrigation use overlaps for the POU from surface water sources (22-1338, 22-2020E, 22-277, 22-277A, 22-4140, and 22-144).

Future Transfer

The City of Driggs is planning on submitting a transfer, to include Valley Centre Subdivision into the City of Driggs municipal system. They connected this system to the City of Driggs municipal system in 6/2007, after proof of beneficial use (1/2007) and the

Assignment of Permit (4/2007).

Subdivision Connection to City of Driggs

A letter dated 7/5/2005 to DEQ, from AW Engineering/Arnold Woolstenhulme, stated that plans and specifications for the Valley Centre Subdivision amended plat was for extensions to add 20 new lots to the same area as was master plated and in original Valley Centre Subdivision. The letter also stated that the City of Driggs is the water source. Another letter in the file dated 8/15/2005 from the City of Driggs to DEQ stated that the applicant was proposing to connect to city sewer and water services, and that the existing water and sewer systems in the Valley Centre Subdivision be brought to city standards prior to dedication of the lines. In a 4/13/2011 email from Kristin Moore/Rocky Mountain Enviro., Jared Gunderson, the City of Driggs system operator searched through the city council minutes and discovered that the subdivision was integrated into the City of Driggs municipal system in 6/2007 (proof of beneficial use was received on 1/29/2007).

RECOMMENDATION:

The subdivision will be licensed as an individual municipal system, since it was not connected to the City of Driggs municipal system until after the proof of the beneficial use, and assignment of permit had already been submitted to IDWR. The subdivision will be incorporated into an updated service boundary for the City of Driggs when their transfer is completed and approved.

Location of POU

The Tax Lot Information confirms the POU as the Valley Centre Subdivision. There are other phases that were added, but are not included with this water right.

CFS

Well Drillers Report (8 hr pump test, conducted on 11/3/00)

2000 gpm X 0.00223 = 4.46 cfs

Theoretical:

$[(8.8) \times (60 \text{ Hp}) \times (0.7 \text{ eff})] / [50 + (2.31 \times 40 \text{ psi})] = 369.6 / 142.4 = 2.59 = 2.60 \text{ cfs}$

Field Exam Physical Measurement (Totalizing & Instantaneous Flow Meter):

Start: 88,707,200.0 thru 88,709,900.0 = 2,700 gallons in 3 minutes = 900 gpm

900 gpm = 2.007 = 2.01 cfs

RECOMMEND 2.00 cfs

Permit Approved for 2.00 cfs, Diversion Q limited to 2.00 cfs

Volume

With Municipal Systems, no volume is listed.

Refund

A \$125 fee was received on 1/30/2007, receipt No. E032577, from Holden Kidwell Hahn and Crapo PLLC. Since a beneficial use examination was conducted by Rocky Mountain Environmental on 9/28/2010, a refund is required.