

MEMORANDUM

Date: February 13, 2008
To: Water Right File 97-7406
From: mweaver
Re: License P o D.

In the license document I am using "L4 (NESE) T61N R4W Section 9 B M Bonner County" as the legal description for the P.o.D... This is consistent with the permit and the map prepared for the Beneficial Use Field Report (BUFR). It is not consistent with the legal description in the BUFR, but I believe a typographic error can be attributed to the discrepancy.

97-07406 - ORMSBY

Dom. USE LOT ~~13~~ 13 DIAMOND PARK 1 AD. SUB (GOVT. 4)

P.O.D. L4(NESE) TWIN R4W SEC 9 P.O.U. L4(NESE) TWIN R4W S9

↑
CONSISTENT W/ PERMIT & ACCLV.

OVERLAP ANALYSIS (SE Q)

97-7183 ~ FREEMAN
FIRE PROTECTION 0.07 cfs
IRRIGATION 0.0305 cfs
P.O.D. / P.O.U. : SLISE TWIN R4W 9

(LOT 7 BLOCK 1 2ND ADD)

97-7090 ~ GANZ
DOMESTIC USE 0.01 cfs 1.2 AF
P.O.D. : GOV. LOT 1 TWIN R4W 9

(LOT 7 BLOCK 1 1ST ADD)

P.O.U. : GOVT LOT 1 TWIN R4W 9

Q: ASSUMING NO PRESS IN TANK: $Q = \left(\frac{5 \text{ GAL}}{30.5} \right) \left(\frac{61.1 \text{ FT}^3}{7.48 \text{ GAL}} \right) = 0.022 \text{ cfs}$
 $\approx 0.02 \text{ cfs}$

ASSUMING 20 PSI (46'):

$$Q = \frac{8.8 (\text{hp}) \eta}{H} = \frac{8.8 (1 \text{ hp}) (70\%)}{(206')} = 0.03 \text{ cfs}$$

H = TOTAL HEAD = 80' + 80' / 46

I WOULD RECOMMEND 0.02 cfs

No
OVERLAP

PRIEST
LAKE

NENE

NWNW

NENW

NWNE

SENE

SWNW

SENW

SWNE

NWSE

NESE

NWSW

NESW

NWSE

9

SWSE

SESE

SWSW

SESW

SWSE

NENE

FREEMAN
97-7183

10

