

MEMORANDUM

Date: March 15, 2012
To: Water Right File 2-7457
From: shemenway
Re: Phone Conversation

In a phone conversation today with Ron Schermerhorn, he stated that he has never taken a physical measurement from the diversion into the pond, but that the flow is not that much. He stated that he mainly uses the water from the Snake River in the fall when the unnamed stream diminishes. He did not know what pressure the system runs at, since there is no pressure gauge. For this reason, it was determined that the pressure used with the system would be for a small system, for determining the theoretical on the pump: 30 psi.

Precipitation Loss Calculation

Date: March 15, 2012
Prepared by: Sandy Hemenway
Water Right No: #2-7457

P = Precipitation
ET = Evapotranspiration
 P_d = Precipitation deficit
 P_d = P - ET

P_d

Found at: <http://www.kimberly.uidaho.edu/ETIdaho/>

$$P_d = \text{convert to AFA: } \frac{(\text{mm/yr})}{304.8} \times \# \text{ acres} =$$

769	304.8	0.47
(From ET Idaho)		

$$P_d = 1.2 \text{ AFA}$$



* Use the Precipitation Deficit for 'P' value