

MEMORANDUM

Date: April 01, 2011
To: Water Right File 45-13573
From: csaxton
Re: Annual Volume

The field examiner handbook gives an estimate of 4 gallons per day per hog:

$$\frac{(4 \text{ gallons per day})(365 \text{ days})(18750 \text{ head})}{(325850 \text{ gallons})} = 84 \text{ AF}$$

The recommended diversion rate of 0.11 cfs can produce a maximum of 79.6 af in a year. The field examiners recommended volume seems reasonable.