

MEMORANDUM

Date: November 27, 2012
To: Water Right File 81-11979
From: csaxton
Re: * Diversion Volume

Per Non-irrigation water requirements (Pg 157 on PDF of field Examiners Handbook), assume 35 gallons per day per camper. Assume 4 campers per campsites:

$$(10 \text{ campsites})(4 \text{ campers per site})(35 \text{ gpd per camper}) = 1400 \text{ gpd}$$

$$[(1400 \text{ gpd})(365 \text{ days per year})] / 325850 \text{ gallons per AF} = 1.7 \text{ AFA}$$

The above calculation of 1.7 AF is probably excessive as it assumes the campground is always full year round, but supports the examiners recommendation for total volume of 1.2 AF to be reasonable.