From: William Peck
To: Marvin Swanda
Date: Fri, Aug 10, 2007 4:27 PM
Subject: Harlan County Estimated Purchased Water

Marv,

Following are estimates of purchased water to Harlan County for entire 2007 season (through August 29).

1) Purchased water from F-V and Riverside agreements (passed through Harlan County Lake) = 2,500 AF.

2) Purchased water from Frenchman-Cambridge (consumptive use portion of H.S. release) = 14,000 AF.

3) Purchased water from Bostwick in Nebraska = 12,500 AF.

Assuming the release from Harlan County averages 150 cfs through August 29th, the total estimated release requested by Kansas Bostwick this year will be approximately 22,500 AF.

This will leave approximately 6,500 AF in the carry-over pool for Kansas Bostwick.
(2,500 + 14,000 + 12500 - 22500)

Kansas Bostwick also benefitted from at least 5,000 AF of natural flow pick up at Guide Rock Diversion Dam. Do not have a real good number on this, but it appears that the pick up has averaged at least 50 cfs (probably more) and have already delivered for over 50 days.

Provided these numbers to Scott Ross prior to his call with Barfield.

Note: An additional 10,000 AF (at best) may have come into Harlan County Lake as a result of the Harry Strunk release. This water would have been considered natural flow and split proportionally between the two districts. Approximately 6,500 AF to Kansas Bostwick and 3,500 AF to Bostwick in Nebraska.

Bill