

KANSAS BOSTWICK IRRIGATION DISTRICT NO.2

2009 IRRIGATION WATER USE REPORT

4673 NENE 18-02-06W May-June-July-August-September

Natural storage released from Lovewell into Courtland Canal	22,364	AF
Delivered to 16,261 acres below Lovewell	10,556	AF
Loss below Lovewell	11,808	AF

RECONCILIATION

Total releases from Lovewell into Courtland Canal	35,631	AF
Transported from Republican River	13,367	AF
Natural storage released from Lovewell to Courtland Canal	22,364	AF
Actual acres irrigated below Lovewell	26,017	AC
Appropriation Right #385	9,756	AC
Appropriation Right #4673	16,261	AC
Total releases from Lovewell	35,631	AF
Total deliveries below Lovewell	16,813	AF
Loss below Lovewell	18,818	AF

385 NENE-01-06W June-July-Aug-Sept

Guide Rock Diversion Dam	43,007	AF
KS losses above KS-NE state line	2,852	AF
Diversion across NE-KS state line	36,033	AF
Transported into Lovewell Reservoir	13,367	AF
Delivered to 10,346 acres above Lovewell	6,118	AF
Loss above Lovewell - Courtland Canal	8,175	AF
Loss above Lovewell - Other Laterals	4,540	AF
Transported from Republican into reservoir and released into Courtland Canal	13,367	AF
Delivered to 9,756 acres below Lovewell	6,310	AF
Loss below Lovewell	7,057	AF

RECONCILIATION

Total releases from Lovewell Reservoir to Courtland Canal	35,631	AF
Transported from Republican River (385)	13,367	AF
Natural Storage released from Lovewell to Courtland Canal (4673)	22,364	AF
Total acres irrigated below Lovewell	26,017	AC
Appropriation Right #385	9,756	AC
Appropriation Right #4673	16,261	AC

Feb 2010 – Bill Peck calculate 49,645 WR water in Lovewell Oct 08 to Sept 09 and release to creek 19,222. Assume all release to creek from WR leaves 30,423 in reservoir.

Claculated all 34.8 inflow to 38.0 for 385 water right and 22,364 from 4673 Creek
Leaves 8,059 in lake from creek.

5 February 2010

Kansas Department of Agriculture
Division of Water Resources
109 SW 9th Street 2nd Floor
Topeka KS 66612-1283

Dear Division:

Enclosed for your information is the reconciliation of use of water rights #4673 and #385 for 2009 by the Kansas Bostwick Irrigation District #2.

If you have any questions, please contact me.

Sincerely,

Kenneth Nelson
Superintendent