

KANSAS BOSTWICK IRRIGATION DISTRICT NO. 2

#1

2005 IRRIGATION WATER USE REPORT

4673 NENE 18-02-06W

Natural storage released from Lovewell into Courtland Canal	6,436 AF
Delivered to 5,821 acres below Lovewell	2,995 AF
Loss below Lovewell	3,441 AF

RECONCILIATION

Total releases from Lovewell into Courtland Canal	25,916 AF
Transported from Republican River	19,480 AF
Natural storage released from Lovewell to Courtland Canal	6,436 AF
Total acres irrigated below Lovewell	23,439 AC
Appropriation Right #385	17,618 AC
Appropriation Right #4673	5,821 AC
Total releases from Lovewell	25,916 AF
Total deliveries below Lovewell	12,040 AF
Loss below Lovewell	13,876 AF

385 NE-01-06W

Guide Rock Diversion Dam	48,737 AF
KS Losses above KS-NE state line	415 AF
Diversion across NE-KS state line	40,086 AF
Transported into Lovewell Reservoir	29,265 AF
Delivered to 1,107 acres above Lovewell	561 AF
Loss above Lovewell - Courtland Canal	10,260 AF
Loss above Lovewell - Other Laterals	0 AF

Transported from Republican into Reservoir and released into Courtland Canal	19,480 AF
Delivered to 17,618 acres below Lovewell	9,045 AF
Loss below Lovewell	10,435 AF

RECONCILIATION

Total releases from Lovewell Reservoir to Courtland Canal	25,916 AF
Transported from Republican River (385)	19,480 AF
Natural storage released from Lovewell to Courtland Canal (4673)	6,436 AF
Total acres irrigated below Lovewell	23,439 AC
Appropriation Right #385	17,618 AC
Appropriation Right #4673	5,821 AC