Courtland Canal Transit Loss
Guide Rock to Stateline

Historical	2005	2006	Total
Guide Rock Diversion	48,737	50,629	99,366
Stateline	36,256	38,670	74,926
Loss	12,481	11,959	24,440
%	26%	24%	25%
Flatwater			
Increased Flow @ Guide Rock	41,519	26,148	67,667
Increased Flow @ Stateline	34,938	22,003	56,941
Loss %	16%	16%	16%
Total @ Guide Rock	90,256	76,777	167,033
Total @ Stateline	71,194	60,673	131,867
Loss	19,062	16,104	35,166
Loss %	21%	21%	21%
Required @ Guide Rock for Kansas Stateline with12.9% Canal Loss			
Additional Kansas Stateline	40,551	32,605	73,156
Kansas Adjusted Stateline	76,807	71,275	148,082
Canal Loss @ 12.9% (1)	11,376	10,556	21,932
Required @ Guide Rock	88,183	81,831	170,014

Increased at Guide Rock	39,446	31,202	70,648

(1) 12.9% from Appendix B,Kansas Exhibit 1