

Yolanda Sandoval

From: William Peck
Sent: Friday, December 09, 2005 1:31 PM
To: kbid@courtland.net
Subject: Monthly Analysis of Use and Loss in Courtland Canal above Lovewell Reservoir
Attachments: cout wrk sht 0405a.XLS

Hello Kenny,

Have not spoke for a while, hope things are going well. Per discussions that we had last year we have attached the subject spreadsheet (water year).

Bill

COURTLAND CANAL ABOVE LOVEWELL

04-05

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
	Records	Records	District	(3 + 4)	(2 - 5)	District	Records	(7 + 8)	(3 - 9)	6-(6x(3/5))	(6-11)x(7/9)	(6-11-12)	(10 x 7/9)	(10 - 14)	(4 + 11)	(7 + 12 + 14)	(8 + 13 + 15)	(16+17+18)					
Month	Court Canal 0.7	Court Canal 15.1	NEB Bost Use Main Canal 0.7 to 15.1	Total out flow in NEB	Total Loss in NEB 0.7 to 15.1	KAN Bost Use Main Canal 15.1 to 34.8	DEL to Lovewell Court Canal 34.8	Total out flow in KAN	Total Loss in KAN 15.1 to 34.8	ALLOCATION OF LOSSES					TOTAL ALLOCATION ABOVE LOVEWELL			C H E C K (= 2)					
										LOSS IN NEBRASKA			LOSS IN KANSAS		Courtland Canal 0.7 to 15.1				Courtland Canal 15.1 to 34.8		Courtland Canal 0.7 to 34.8		
										NEB Bost	KAN Bost	USBR	KAN Bost	USBR	NEB Bost	KAN Bost	USBR		NEB Bost	KAN Bost	USBR		
September	525	184	0	184	341	0	0	0	184	0	0	341	0	184	0	0	525	525					
October	2557	2129	0	2129	428	0	0	0	2129	0	0	428	0	2129	0	0	2557	2557					
November	3204	2950	0	2950	254	90	831	921	2029	0	25	229	198	1831	0	313	2891	3204					
December	3769	2784	0	2784	985	0	1828	1828	956	0	0	985	0	956	0	0	3769	3769					
January	3685	2747	0	2747	938	0	1804	1804	943	0	0	938	0	943	0	0	3685	3685					
February	5087	4265	0	4265	822	0	3430	3430	835	0	0	822	0	835	0	0	5087	5087					
March	5911	4926	0	4926	985	0	3950	3950	976	0	0	985	0	976	0	0	5911	5911					
April	7430	6557	0	6557	873	0	5677	5677	880	0	0	873	0	880	0	0	7430	7430					
May	5479	4608	0	4608	871	0	3749	3749	859	0	0	871	0	859	0	0	5479	5479					
June	6559	5764	0	5764	795	374	4164	4538	1226	0	66	729	101	1125	0	541	6018	6559					
July	1221	893	0	893	328	125	0	125	768	0	328	0	768	0	0	1221	0	1221					
August	2663	2118	0	2118	545	62	1562	1624	494	0	21	524	19	475	0	102	2561	2663					
Total	48090	39925	0	39925	8165	651	26995	27646	12279	0	440	7725	1086	11193	0	2177	45913	48090					

USBR-NKAO

ANALYSIS OF WATER CHARGES UNDER TERMS OF REPAYMENT CONTRACT

Bostwick Irrigation District in Nebraska

Year 2004

ACRE - FEET

		Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Diversion at Mile 0.7	(1)	525	2557	3204	3769	3685	5087	5911	7430	5479	6559	1221	2663	48090
Passing State Line	(2)	184	2129	2950	2784	2747	4265	4926	6557	4608	5764	893	2118	39925
Courtland Canal, Neb. Bost. Use	(3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Courtland Loss to State Line	(4)	341	428	254	985	938	822	985	873	871	795	328	545	8165
Nebraska-Bostwick Share Loss	(5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Courtland, Neb. Total = (3) + (5)	(6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Superior	(7)	0	0	0	0	554	1961	2077	1015	193	0	0	0	5800
Franklin Pump	(8)	0	0	0	0	0	0	0	0	0	0	0	0	0
Naponee	(9)	0	0	0	0	0	0	0	0	0	0	0	0	0
Franklin	(10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total = (6)+(7)+(8)+(9)+(10)	(11)	0	0	0	0	554	1961	2077	1015	193	0	0	0	5800

ANALYSIS OF USE AND LOSS DISTRIBUTION
KANSAS-BOSTWICK IRRIGATION DISTRICT NO. 1
Year 2004
ACRE - FEET

		Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Passing Mile 15.1	(1)	184	2129	2950	2784	2747	4265	4926	6557	4608	5764	893	2118	39925
Transported to Lovewell	(2)	0	0	831	1828	1804	3430	3950	5677	3749	4164	0	1562	26995
Kansas-Bostwick Use	(3)	0	0	90	0	0	0	0	0	0	374	125	62	651
Loss State Line to Lovewell (1)-(2)-(3)	(4)	184	2129	2029	956	943	835	976	880	859	1226	768	494	12279
Kansas-Bostwick Share of Loss - Kansas	(5)	0	0	198	0	0	0	0	0	0	101	768	19	1086
Loss - 0.7 to State Line	(6)	341	428	254	985	938	822	985	873	871	795	328	545	8165
Kansas-Bostwick Share of Loss - Nebraska	(7)	0	0	25	0	0	0	0	0	0	66	328	21	440
Total Use above Lovewell Reservoir (3)+(5)+(7)	(8)	0	0	313	0	0	0	0	0	0	541	1221	102	2177
Released to Lower Courtland 38.0	(9)	0	0	0	0	982	1417	9713	18022	0	0	0	0	30134
Total Use by Kansas-Bostwick	(10)	0	0	313	0	982	1417	9713	18022	0	541	1221		32209