

2007 Costs	Acres Feet Purchased	2007 Price Paid/Acre	Total Paid by State in 2007
Frenchman Cambridge	17,000	\$ 418	\$ 7,106,000
Bostwick	10,000	\$ 418	\$ 4,180,000
Bostwick Stream	5,000	\$ 418	\$ 2,090,000
H&RW	-	\$ -	\$ -
Riverside	2,000	\$ 418	\$ 836,000
Evaporation Gain	15,000	\$ -	\$ -
District O&M Costs	49,000	\$ 290.04	\$ 14,212,000
Bond Origination Fees			\$ 1,630,065
Cost to State in 2007			\$ 15,842,065

x if pay only those with water, y if all

Canal	Source	Community	District	Acres	Guessed Pet Surface Only	Surface Only Price	Comingled Price	Paid to District
Bartley	Swanson	Indianola	FC	-	50%	\$ 800	\$ 500	\$ -
Cambridge	Harry Strunk	Cambridge	FC	17,053	50%	\$ 2,000	\$ 1,000	\$ 25,579,500
Courtland	Harlan	Alma	Bostwick	1,980	50%	\$ 2,000	\$ 600	\$ 2,574,000
Franklin Canal	Harlan	Alma	Bostwick	11,116	50%	\$ 2,000	\$ 600	\$ 14,450,800
Franklin Pump	Stream Flow	Culbertson	Bostwick	2,091	50%	\$ 2,000	\$ 600	\$ 2,718,300
Frenchman - Culbertson	Stream Flow		H&RW	-	50%	\$ 800	\$ 500	\$ -
Frenchman - Riverside	Stream Flow		Riverside	-	50%	\$ 800	\$ 500	\$ -
Meeker-Driftwood	Trenton	McCook	FC	-	50%	\$ 800	\$ 500	\$ -
Naponee	Harlan	Alma	Bostwick	1,737	50%	\$ 2,000	\$ 600	\$ 2,258,100
North Fork - Haigler	Bonny	Haigler	Haigler	-	50%	\$ 800	\$ 500	\$ -
Red Willow	Red Willow	Indianola	FC	-	50%	\$ 800	\$ 500	\$ -
Superior	Streamflow		Bostwick	5,863	50%	\$ 2,000	\$ 600	\$ 7,621,900
			Total	39,840		\$ 2,000	\$ 771	\$ 55,202,600
			Surface	19,920				
			Comingled	19,920				

27,000

LB 701 C

best
IC

22,
17
39

50% SW

Acres surface water rights purchased from	39,840
Surface only irrigated acres (guessed)	19,920
Acres that can be irrigated by either (guessed)	19,920
Average price paid for surface only acres	\$ 2,000
Average price paid for comingled acres	\$ 1,000
Cash paid to surface water landowner in 08	\$ 59,760,000
2007 State payment to irrigation districts	\$ 13,100,000
State payment of irrigation districts O&M	\$ >2,225,000

Bond carried by Basin (07 not applied toward total)	\$ 59,760,000	Years	Bond Interest
Basin Payments per year	\$ 3,887,474	30	5.0%
Annual operating cost of irrigation districts	\$ -		
Total annual payments by Basin	\$ 3,887,474		

	Total	Comingled Per Acre	To Dry Per Acre	Weighted Average
Amount paid to surface owner in year 1	\$ 15,325,000	\$ -	\$ -	
Amount paid to surface owner in year 2	\$ 59,760,000	\$ 1,000	\$ 2,000	\$ 1,500
Amount paid to surface owner in year 3	\$ -	\$ -	\$ -	\$ -
Total 2 year compensation per acre		\$ 1,000	\$ 2,000	\$ 1,500
State contribution as % of per acre cost		0%	0%	0%

Amount paid by State in year 1	\$ 13,100,000	
Amount paid by State in year 1 for bond setup	\$ 1,744,000	
Amount paid by State for Irrigation District O&M	\$ 2,225,000	
Total paid by State over life	\$ 83,819,000	42%
Amount paid by Basin in year 1	\$ -	
Annual Basin Water Reserve operational cost	\$ -	
Amount paid by Basin for bond retirement	\$ 3,887,474	
Total paid by Basin after 21 years	\$ 116,624,213	58%

surface consump use	
1985	107,972
1986	125,808
1987	108,267
1988	116,246
1989	116,693
1990	114,638
1991	99,122
1992	73,247
1993	48,576
1994	125,116
1995	113,010
1996	78,490
1997	137,734
1998	110,115
1999	100,589
2000	121,657
2001	77,871
2002	85,205
2003	58,207
2004	39,530
2005	42,854
Min	39,530
Max	137,734
Avg	95,283

	with Tri	w/o Tri
Number of irrigated acres in Basin after sale	1,256,341	1,066,664
Cost per irrigated acre still in production	\$ 3.09	\$ 3.64
or		
Basin valuation in billions	\$ 4.9	\$ 4.1
Required mil levy to raise annual costs	\$ 0.079	\$ 0.094

Avg 4 yr Evap
against NE
24,000 AF

Avg Net Benefit
Avg CU minus evap
71,000 AF

Upper	44%	\$ 1,710,488	446,800	\$ 3.83
Middle	30%	\$ 1,166,242	313,197	\$ 3.72
Lower	26%	\$ 1,010,743	326,587	\$ 3.09
	100%	\$ 3,887,474	1,086,584	

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District			
Frenchman Cambridge	17,000	\$ 418	\$ 7,106,000
Bostwick	10,000	\$ 418	\$ 4,180,000
Bostwick Stream	5,000	\$ 418	\$ 2,090,000
H&RW	-	\$ -	\$ -
Riverside	2,000	\$ 418	\$ 836,000
Evaporation Gain	15,000	\$ -	\$ -
	49,000	\$ 290.04	\$ 14,212,000
District O&M Costs			\$ -
Bond Origination Fees			\$ 2,698,678
Cost to State in 2007			\$ 16,910,678

x if pay only those with water, y if all y

Canal	Source	Community	District	Acres	75% Guessed Bot Surface	Surface Only Price	Comingled Price	Paid to District
Bartley	Swanson	Indianola	FC	6,539	75%	\$ 800	\$ 500	\$ 4,740,775
Cambridge	Harry Strunk	Cambridge	FC	17,053	75%	\$ 2,000	\$ 1,000	\$ 29,842,750
Courtland	Harlan	Alma	Bostwick	1,980	75%	\$ 2,000	\$ 600	\$ 3,267,000
Franklin Canal	Harlan	Alma	Bostwick	11,116	75%	\$ 2,000	\$ 600	\$ 18,341,400
Franklin Pump	Stream Flow	Culbertson	Bostwick	2,091	75%	\$ 2,000	\$ 600	\$ 3,450,150
Frenchman - Culbertson	Stream Flow	Culbertson	H&RW	11,490	75%	\$ 800	\$ 500	\$ 8,330,250
Frenchman - Riverside	Stream Flow	McCook	Riverside	600	75%	\$ 800	\$ 500	\$ 435,000
Meeker-Driftwood	Trenton	Alma	Bostwick	16,576	75%	\$ 800	\$ 500	\$ 12,017,600
Naponee	Harlan	Haigler	Bostwick	1,737	75%	\$ 2,000	\$ 600	\$ 2,866,050
North Fork - Haigler	Bonny	Haigler	Haigler	1,940	75%	\$ 800	\$ 500	\$ 1,406,500
Red Willow	Red Willow	Indianola	FC	4,932	75%	\$ 800	\$ 500	\$ 3,575,700
Superior	Streamflow	Indianola	Bostwick	5,863	75%	\$ 2,000	\$ 600	\$ 9,673,950
			Total	81,917		\$ 1,384	\$ 632	\$ 97,947,125
			Surface	61,438				
			Comingled	20,479				