Colorado River Compact Water Bank Feasibility Study

Southwestern Water Conservation District Water Seminar Durango, CO April 4, 2014

South Dakota

Nebraska

San Francisco San Jose California

Los Angeles, Dareiel R. Birch, P.E. Deputy General Manager

New Mexico

ted States Kansas Missouri Kentucky Oklahoma Arkansas Dallas Mississippi Alabama

Wisconsin

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Mississippi Louisiana

Houston San Antonio

Colorado River District

Protecting Western Colorado Water Since 1937

Gulf of Mexico

☆Nass The Bahamas

(Havana) CarHabana

Florida

Post Compact Uses

Total Post-Compact M&I Depletions	Current Average Annual Water Use (AFY)
Residential Indoor	109,320
Residential Outdoor	99,050
Commercial/Industrial	109,380
Self Supplied Industrial	32,940
Total	350,690

Post-Compact Uses (cont.)

West Slope Post–Compact M&I Depletions	Current Average Annual Water Use (AFY)			
Residential Indoor	1,390			
Residential Outdoor	16,675			
Commercial/Industrial	4,210			
Self Supplied Industrial	32,940			
Subtotal	55,215			
East Slope Post–Compact M&I Depletions				
Residential Indoor	107,930			
Residential Outdoor	82,375			
Commercial/Industrial	105,170			
Self Supplied Industrial				
Subtotal	295,475			

Preliminary **Results**

PLATE 2

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RIVER

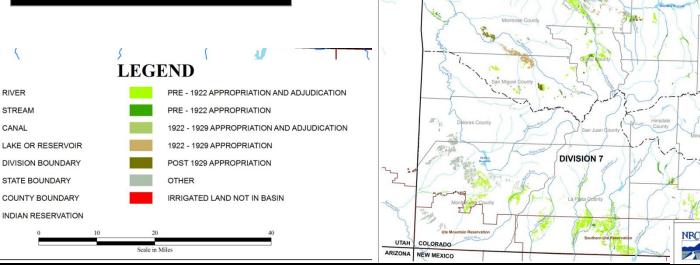
STREAM

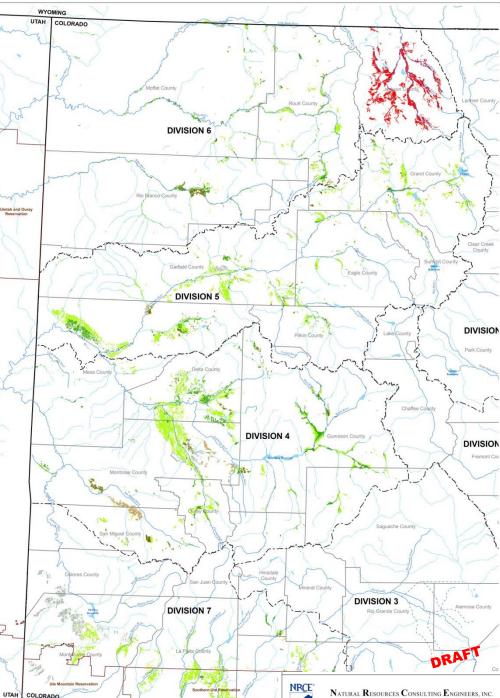
STATE BOUNDARY

CANAL

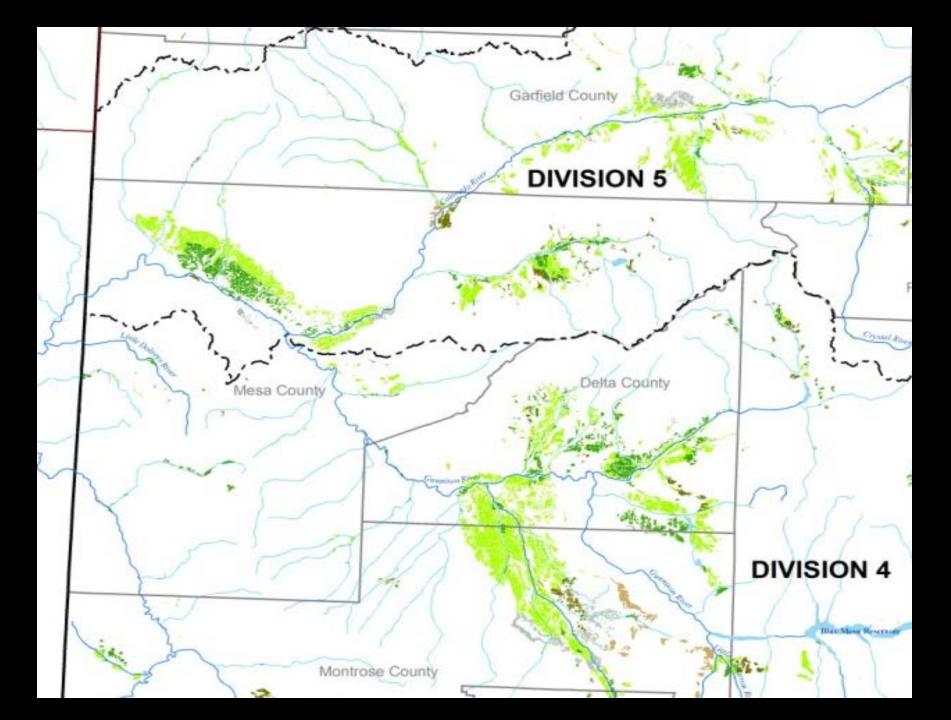
NOVEMBER 2011

COLORADO WATER BANK ADJUDICATION DATE MAP

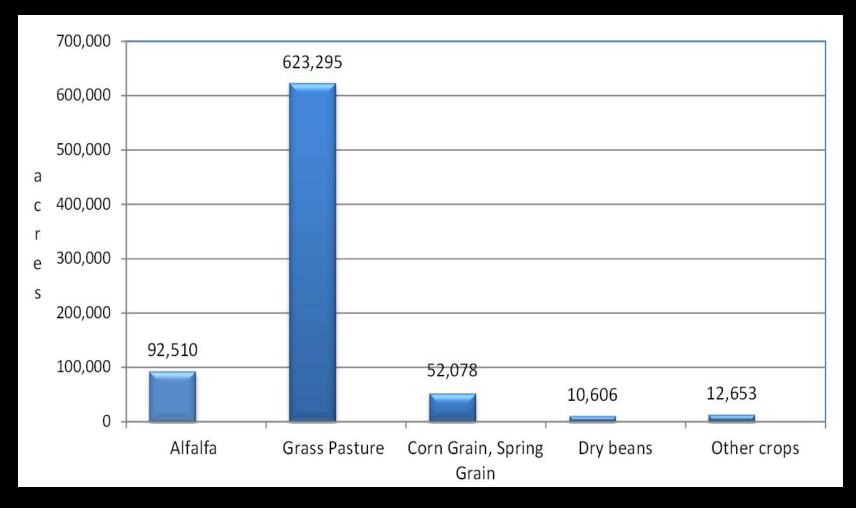




Fort Collins, CO Asmara, ERITREA Oakland, CA



Irrigated Acres By Crop Type In Water Divisions 4–7



Pre-Compact Irrigation Use

Total for Basin						
Water Rights Category → Appropriation/Adjudication	Not Known	Pre-Compact	Post Compact Water Rights	Total		
Crop Type ↓	Consumptive Irrigation Use (acre-feet/year)					
Alfalfa	43,219	110,164	25,368	178,750		
Corn Grain	1,492	34,504	3,476	39,473		
Dry Beans	4,618	6,905	1,37	11,660		
Grass pasture	80,233	794,074	195,451	1,069,759		
Orchard with Cover	565	1,496	345	2,406		
Orchard without Cover	3,160	5,574	582	9,317		
Spring Grains	2,809	27,830	3,192	33,830		
Vegetables	895	549	28	1,472		
Others	1,616	5320	2,161	9,097		
Totals	138,607	986,416	230,740	1,355,763		
Percent of Totals	10.2%	72.7%	17.0%	100%		

