

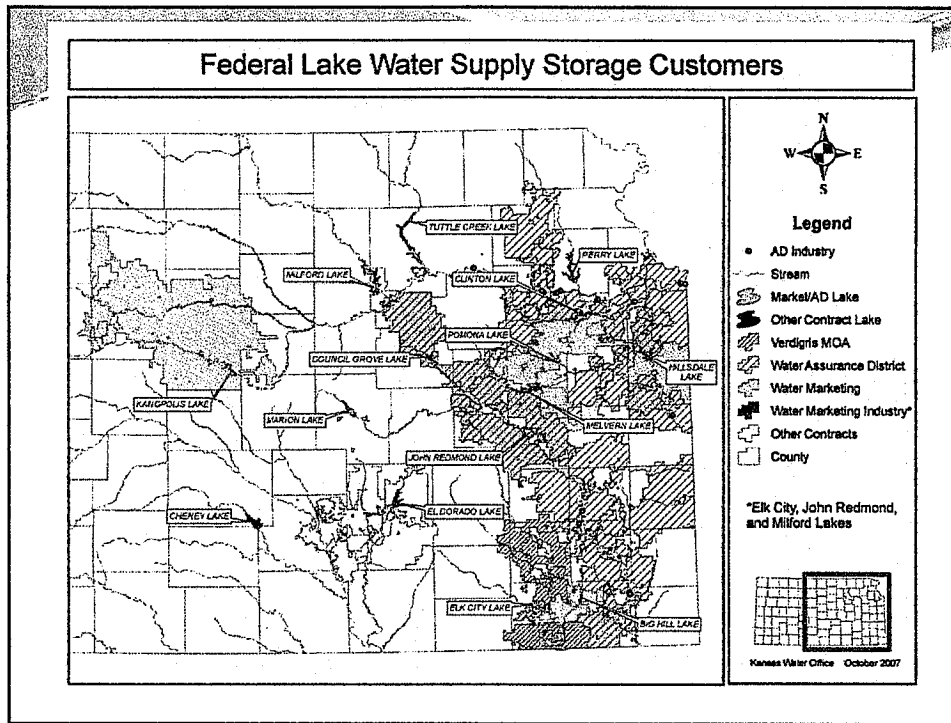
Earl Lewis

# Kansas Water Supply Issues

Earl Lewis  
Kansas Water Office  
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## Water Supply Program Development

- 1958 Federal Water Supply Act
- 1974 State Water Plan Storage Act
- 1974 Contracts for Milford, Big Hill and Hillsdale
- 1976 Wolf Creek Contract
- 1983 Variable Water Marketing Rate Established
- 1985 MOU Between State and Corps of Engineers
- 1986 Water Assurance Program Act
- 1991 Water Marketing Fund Created
- 1995-96 "Big Buy" Storage Purchase Completed
- 2002 Contract for Kanopolis Reservoir

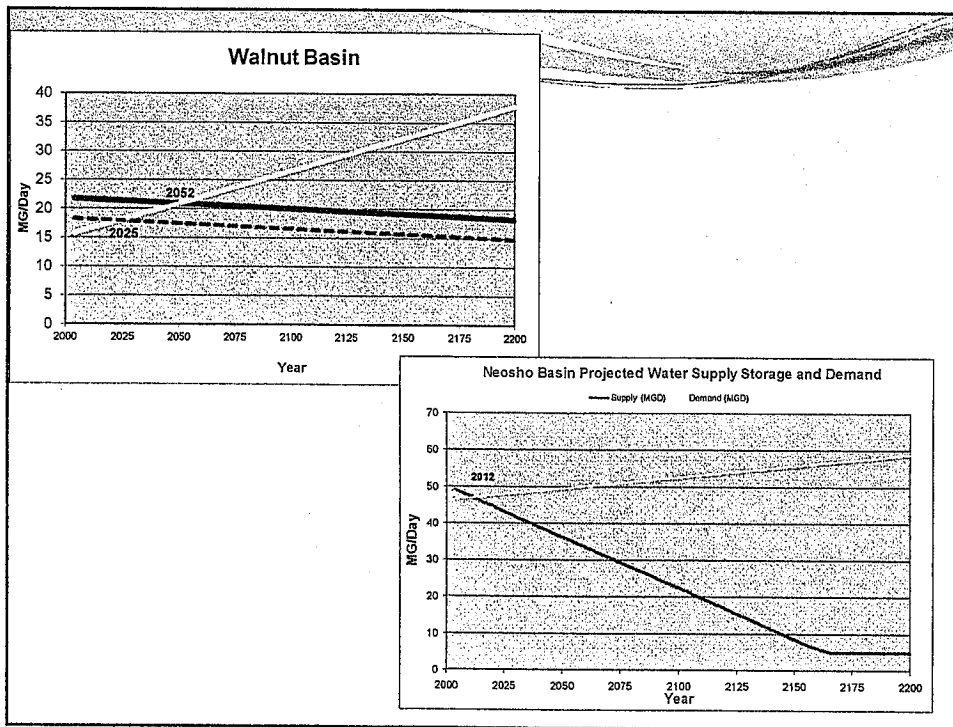
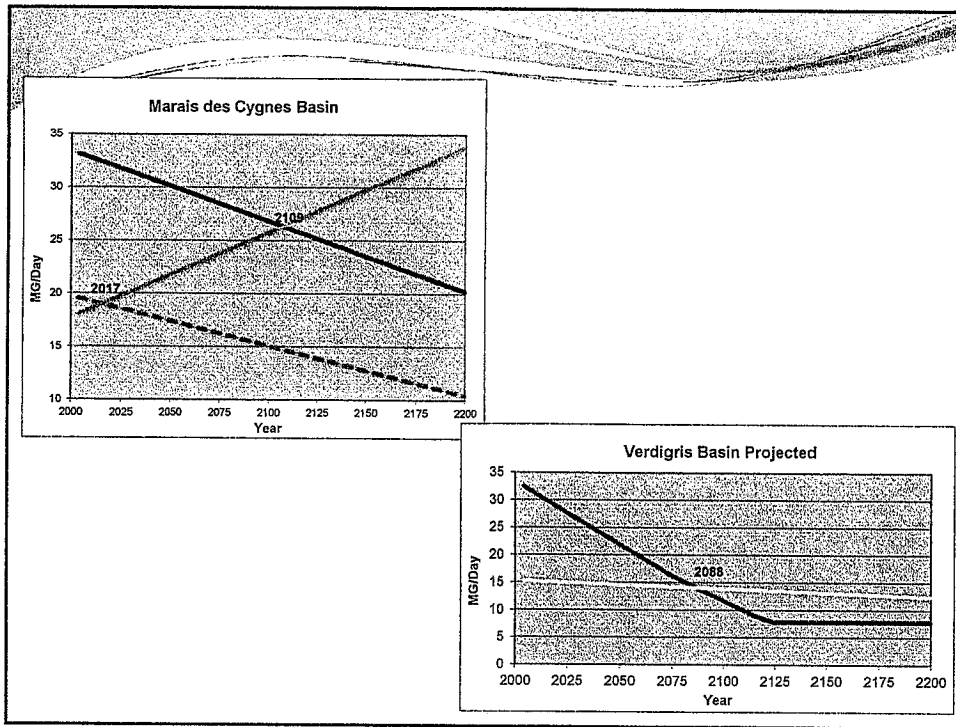


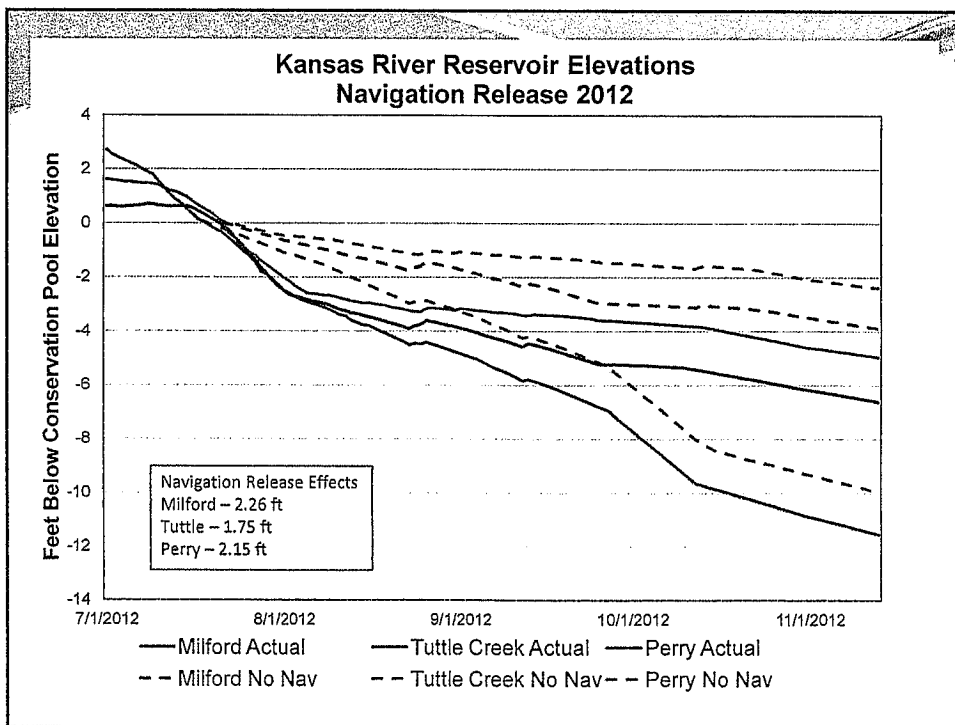
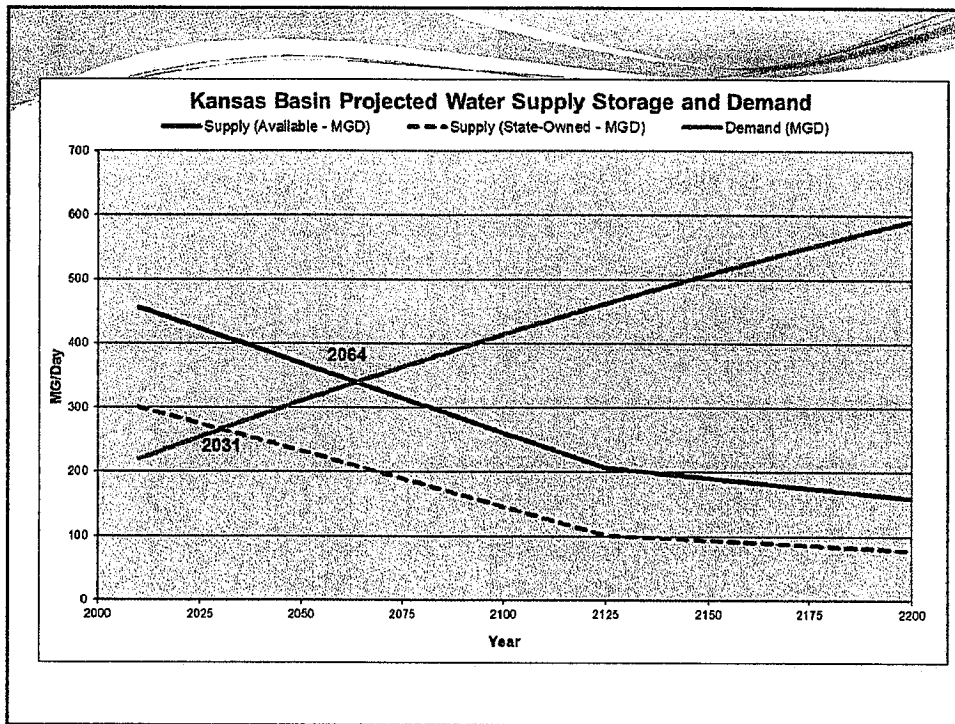
	Water Quality/ Other	Water Supply Storage			Future Use
		Water Marketing	Water Assurance	Reserve Capacity	
Big Hill		8,224			14,746
Clinton	22,532	56,916			37,905
Council Grove	9,757	18,692	6,370	8,220	
Elk City	5,126	20,912		10,364	
Hillsdale	16,923	14,944			44,846
John Redmond	10,857	31,478	3,245		
Kanopolis	24,483	21,365			
Marion	2,849	36,674	345	14,359	
Melvern	96,696	14,762	10,691	25,960	
Milford		57,399	67,660		244,065
Perry			32,620		163,058
Pomona	14,163	824	12,802	26,391	
Tuttle Creek	143,204			82,230	17,203
<b>Total</b>	<b>346,590</b>	<b>282,190</b>	<b>133,733</b>	<b>167,524</b>	<b>521,823</b>

	Water Marketing		Water Assurance		State Water Plan Fund	Total
	P&I	O&M	P&I	O&M	O&M	
Big Hill	\$ 119,390	\$ 86,250				\$ 205,640
Clinton	\$ 168,753	\$ 156,857				\$ 325,610
Council Grove	\$ 38,936	\$ 149,024	\$ 13,264	\$ 37,160	\$ 47,880	\$ 286,264
Elk City	\$ 77,272	\$ 13,739		\$ 12,381	\$ 12,381	\$ 103,392
Hillsdale	\$ 497,809	\$ 90,736				\$ 588,545
John Redmond	\$ 157,580	\$ 427,660				\$ 613,014
Kanopolis	\$ 234,392	\$ 71,536				\$ 305,928
Marion	\$ 59,504	\$ 77,831	\$ 470	\$ 463	\$ 80,439	\$ 218,707
Melvorn		\$ 56,692		\$ 41,087	\$ 99,740	\$ 197,519
Milford		\$ 42,285		\$ 49,845		\$ 92,130
Perry				\$ 65,386		\$ 65,386
Pomona		\$ 2,458		\$ 51,756	\$ 106,664	\$ 160,878
Tuttle Creek				\$ 39,495	\$ 8,260	\$ 47,755
<b>Total</b>	<b>\$1,353,636</b>	<b>\$1,175,068</b>	<b>\$ 13,734</b>	<b>\$ 312,966</b>	<b>\$ 355,364</b>	<b>\$ 3,210,768</b>
<b>Program Total</b>	<b>\$ 2,528,704</b>		<b>\$ 326,700</b>		<b>\$ 355,364</b>	

## Cheney and El Dorado

- Cheney
  - Wichita began using water from Cheney in 1965
  - Estimated current capacity 171,904 acre-feet
  - Roughly 40 million gallon per day yield
- El Dorado
  - Contract with Corps in 1972
  - Estimated current capacity 153,641 acre-feet
  - Estimated 22.2 million gallon per day yield





## Milford and Perry Unfunded Liability (2013)

- Milford (2034)
  - 244,065 Af or 2/3 of conservation storage
  - Principal Balance \$17,395,283
  - Annual P&I Payment of \$1,051,666
  - Additional O&M of \$ 179,800 / year
- Perry (2041)
  - 163,058 Af or 5/6 of conservation storage
  - Principal Balance \$17,251,368
  - Annual P&I Payment of \$904,259
  - Additional O&M of \$ 326,930 / year

Questions?

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