

WRAC Update 1/2/13, John Snyder

At what point is pumping illegal, requiring landowners to sue for an injunction to curtail purveyor pumping to avoid prescription?

Evidence

Scalminini "Perennial yield" (a number less than the maximum safe yield) (Exhibit 1-55, 1-57)

121,600 AF/Y pumping

(171,200 AF/Y Recharge, with 49,000 AF/Y going to the ocean)

Foreman "Safe Yield" with Twitchell and Lopez (Exhibit A-130)

134,534 AF/Y (149,252 AF/Y Recharge, with 14,718 AF/Y going to the ocean)

Foreman "Safe Yield" without Twitchell and Lopez (Exhibit A-123)

124,294 AF/Y (136,743 AF/Y Recharge, with 12,449 AF/Y going to the ocean)

Williams "Native Yield" before Twitchell and Lopez (Exhibit F-10)

60,000 AF/Y (Does not account for water going to ocean)

Appeal Court was asked to clarify which was the limit used:

There answer: 'extractions had substantially exceeded the "native yield."'

Demand	Groundwater pumping demand		Other Surface Water	
TMA 2011 report, page 37				
Overlying AG	96,000	AF/Y		
Purveyor Groundwater	9,250	AF/Y		
Purveyor State Water			12,150	AF/Y
NMMA report page 23				
Overlying AG	2,465	AF/Y		
Overlying Rural	1,850	AF/Y		
Overlying ConocoPhillips	1,100	AF/Y		
Overlying Woodlands	864	AF/Y		
Purveyor NCSD	2,488	AF/Y		
Purveyor GSWC	1,043	AF/Y		
Purveyor RWC	728	AF/Y		
NMCA page 5 & 12				
Overlying Rural	38	AF/Y		
Overlying AG	2,742	AF/Y		
Purveyor groundwater	4,330	AF/Y		
Purveyor Lopez			4,289	AF/Y
Purveyor State water			1,990	AF/Y
Total Groundwater Pumping	122,898	AF/Y		
Supply	Groundwater			
Northern "Salvaged" Lopez Indirect Recharge	400	AF/Y		
Northern "Salvaged" Lopez direct Recharge	300	AF/Y		
Northern "Salvaged" Percolation ponds	100	AF/Y		
Northern Developed Return flows	100	AF/Y		
SM & GSWC Return flows 65%	7,897	AF/Y		
Twitchell average (was 32,000 AF)	10,000	AF/Y		
"Native Yield" (was "safe yield")	60,000	AF/Y		
Needed Ocean Outflow	-49,900	AF/Y		
Total Supply	28,897	AF/Y		
Overpumping ??	94,001	AF/Y		

