

CENTRAL COLORADO WATER CONSERVANCY DISTRICT (GMS and WAS)
Summary of Gilcrest/LaSalle alluvial aquifer pumping and recharge.
 (all values are in acre-feet)

	PUMPING			CENTRAL RECHARGE			RECHARGE AREA DITCH DIVERSIONS AND LOSSES					
	(1) GMS Metered	(2) WAS Metered	(3) Total Pumping	(4) Augmentation Recharge	(5) Recharge Portion "Upgradient"	(6) FIDCo Diversions	(7) Western Diversions	(8) Evans No 2 Diversions	(9) Total Diversions	(10) Recharge (Ditch Loss) @25%	(11) Recharge @40%	(12) Total Irrigation Recharge
Approx. Pre-2006 Conditions	10,000	5,000	15,000	1,000	0	25,000	25,000	42,100	92,100	23,025	30,400	53,425
Well Curtailment ==>>												
2006	6,929	0	4,850	1,072	0	24,700	33,100	57,200	115,000	28,750	36,771	65,521
2007	4,157	0	2,910	3,064	0	24,300	30,700	58,300	113,300	28,325	39,934	68,259
2008	4,850	0	3,395	4,339	0	25,800	25,700	70,500	122,000	30,500	36,584	67,084
2009	4,850	0	3,395	5,194	136	21,800	17,400	59,300	98,500	24,625	30,762	55,387
2010	4,651	0	4,651	2,963	106	24,600	21,700	53,300	99,600	24,900	30,815	55,715
2011	3,373	12	3,386	2,710	116	25,000	25,000	42,100	119,100	29,775	29,716	59,491
2012	4,800	57	4,858	1,478	0	26,800	19,100	41,400	87,300	21,825	25,409	47,234
2013	3,074	85	3,160	1,083	88	24,000	23,600	115,100	162,700	40,675	32,047	72,722
2014	2,475	129	2,604	13,925	707	25,000	32,300	48,900	106,200	26,550	28,511	55,061
Total	39,159	284	33,207	35,829	1,153	222,000	228,600	546,100	1,023,700	255,925	290,549	546,474
Average (2006-2014)	4,351	32	3,690	3,981	128	24,667	25,400	60,678	113,744	28,436	32,283	60,719
				6.2%	0.2%					44.0%	49.9%	93.8%

- Notes:
- 1 Groundwater Management Subdistrict - Metered Pumping - Reach C.
 - 2 Well Augmentation Subdistrict - Metered Pumping - Reach C.
 - 3 Annual Central quotas have averaged 39 percent since 2005.
 - 4 Includes recharge projects operated by Central under FIDCo, Western, and Evans No. 2 ditch systems (Reach C).
 - 5 Portion of Central recharge projects occurring upgradient of identified high groundwater areas.
 - 6 Annual diversions by Farmers Independent Ditch (includes diversions for recharge).
 - 7 Annual diversions by Western Ditch (includes diversions for recharge).
 - 8 Annual diversions by Evans No. 2 Ditch (includes diversions for recharge).
 - 9 Total Gilcrest area ditch diversions.
 - 10 Recharge from ditch losses (estimated at 25 percent of diversion).
 - 11 Recharge from irrigation water applied to fields (estimated at 40 percent of applied amount).
 - 12 Total aquifer recharge resulting from area irrigation diversions and application.

