

Summary of S-8 Pumping Scenario for GMA 12

Presented To:



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Comparison Between S-7 & S-8 for POSGCD

POSGCD Average Drawdowns

Aquifer	Current DFC	Average Drawdown (ft) (2010 - 2070)		Range for DFC* (10% Uncertainty)
		PS-7	PS-8	
Sparta	28	17	31	28 - 34
Queen City	30	18	29	26 - 32
Carrizo	67	173	145	130 - 159
Calvert Bluff	149	184	169	152 - 186
Simsboro	318	352	330	297 - 363
Hooper	205	223	213	191 - 233

POSGCD Production

Aquifer	MAG	2070 Production (AFY)		Permitted Amount (AFY)*
		PS-7	PS-8	
Sparta	6,735	1,983	4,070	4,115
Queen City	504	1,045	7,725	1,600
Carrizo	7,058	18,205	12,000	21,600
Calvert Bluff	1,036	4,761	4,701	2,285
Simsboro	48,503	85,855	79,396	104,147
Hooper	4,422	3,126	3,093	2,080

* permitted amount based on Halff database

Comparison Between S-7 & S-8 for Adjacent Districts

LPGCD Average Drawdowns

Aquifer	Current DFC	Average Drawdown		Range for DFC* (10% Uncertainty)
		PS-7	PS-8	
Sparta	5	20	21	19 - 23
Queen City	15	26	26	23 - 28
Carrizo	62	139	124	111 - 136
Calvert Bluff	100	158	150	134 - 164
Simsboro	240	322	313	281 - 344
Hooper	165	178	173	155 - 190

BVGCD Average Drawdowns

Aquifer	Current DFC	Average Drawdown		Range for DFC* (10% Uncertainty)
		PS-7	PS-8	
Sparta	12	46	46	41 - 50
Queen City	12	39	39	34 - 42
Carrizo	61	76	70	62 - 76
Calvert Bluff	125	98	92	82 - 101
Simsboro	295	219	208	186 - 228
Hooper	207	155	148	133 - 162