

Post Oak Savannah Groundwater Conservation District Annual Update



Presented to
**Burleson Co.
Commissioner's Court
November 28, 2011**
By Gary Westbrook, POSGCD General Manager

Serving the citizens of Milam and Burleson Counties

District Education Program

- Public presentations (service clubs, etc.)
- Local Water Utilities
 - 4 annual workshops, 2 in each county
 - Leak Detection Rate Design and Financial Planning
 - Grant Workshop Efficient Metering
 - GCD Powers and Authorities and POSGCD Rules
- Schools- Public and private
 - Water Wise- 4th and 5th grades
 - In person presentations- 7th grade science
 - Additional resources- Water IQ for all levels

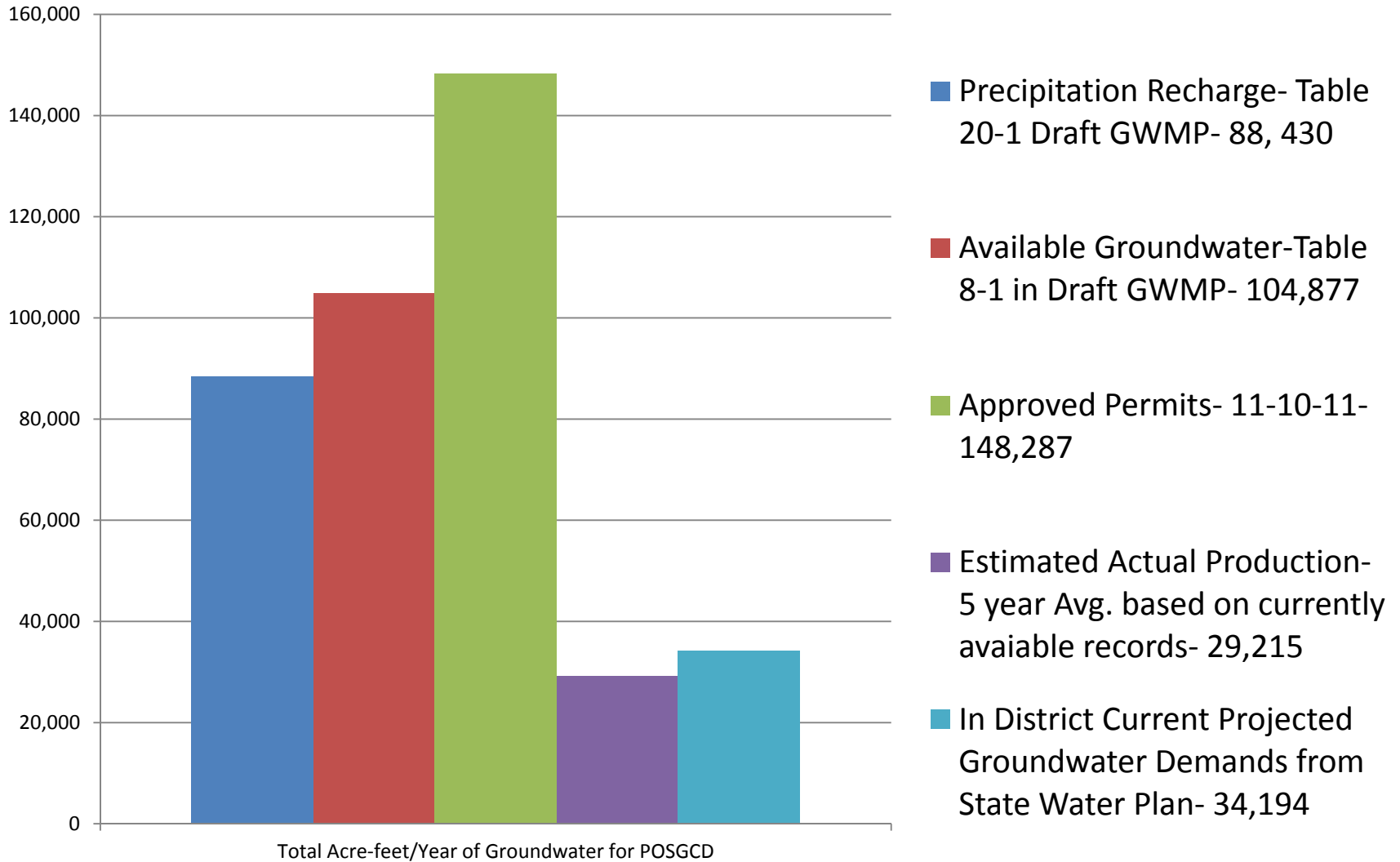
District Groundwater Conservation Grants

- History (since 2006)
 - Awarded 41 grants
 - 19 different Local Water Utilities
 - Approximately \$4.5 Million
 - 2011 Recipients (\$1,011,904)
 - Tunis WSC \$321,000 Centerline WSC \$60,000
 - Cade Lakes WSC \$141,000 HDU Services \$179,544
 - Cooks Point WSC \$275,000 Brazos Valley S&W \$35,36
 - 2012 Budgeted amount of \$1 Million

Groundwater Management

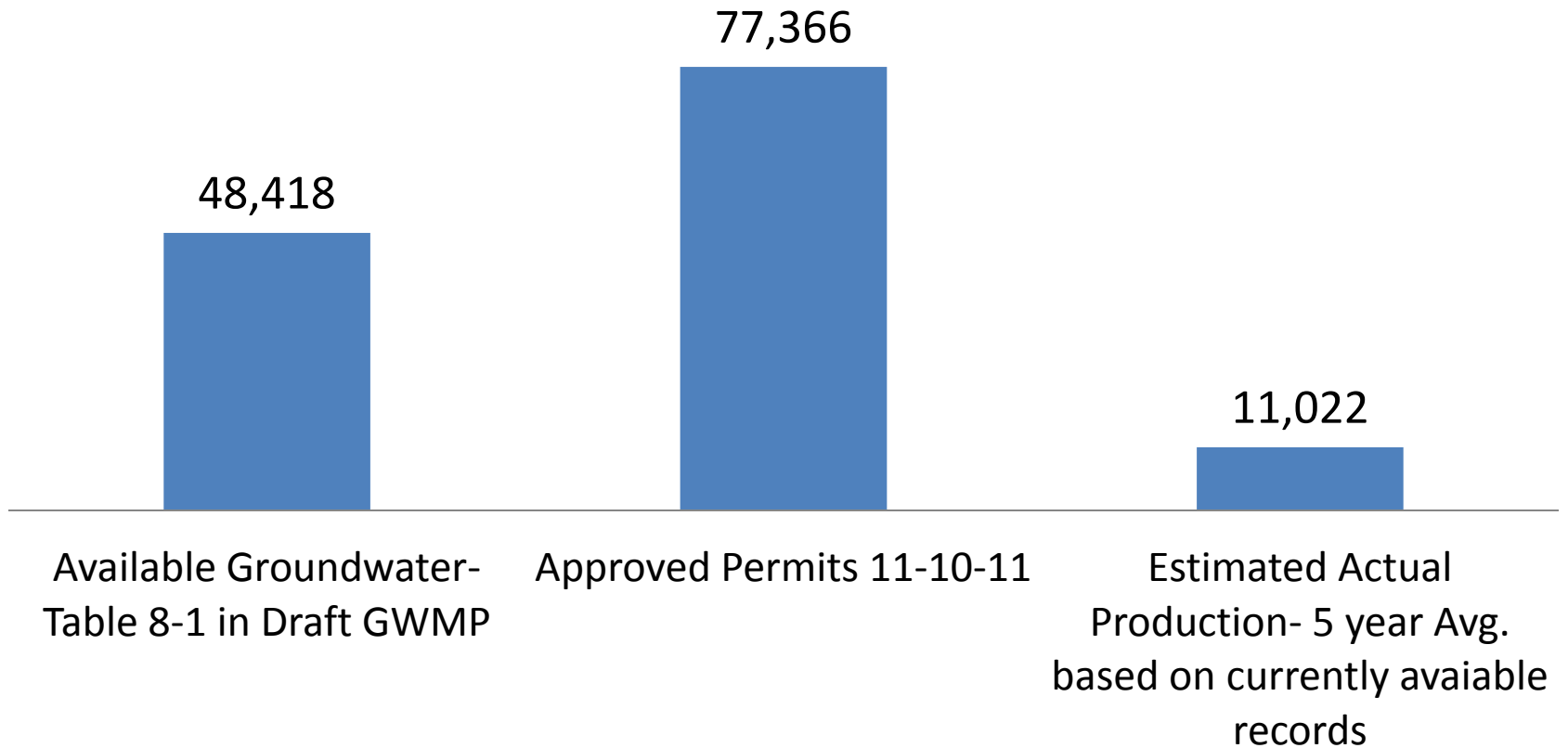
- Protection of water levels
- Permitted production v. Actual production
- Respect for Property Rights
 - To produce
 - When not producing

POSGCD Total A-F/Year Evaluation



POSGCD Simsboro A-F/Year Evaluation

Total Acre-feet/Year of Groundwater for Simsboro



Predicted Drawdown Over Time

Zone/Aquifer		Sparta	Queen City	Carrizo	Calvert Bluff	Simsboro	Hooper
Post Oak GCD	2020	19	28	89	96	196	108
	2040	24	37	109	128	254	147
	2060	27	42	122	154	306	184
Lost Pines GCD	2020	4	10	33	57	151	74
	2040	6	15	49	79	191	105
	2060	6	18	63	102	238	135
Brazos Valley GCD	2020	7	8	35	66	161	104
	2040	11	12	51	94	222	144
	2060	12	13	61	117	273	178
Mid-East Texas GCD	2020	-1	-2	34	40	68	56
	2040	-2	-3	46	57	93	78
	2060	-3	-5	55	70	115	97
Fayette County	2020	30	27	26	73	139	99
	2040	48	46	47	105	182	138
	2060	60	60	63	133	226	174

Note: Work in progress, all results are preliminary

Questions?

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