

**BEEBY ENGINEERING, INC.**

<b>AV CASES</b>								
<b>Evaluation of Tapia Applied Water Claims</b>								
Location	AVEK Acre feet Delivered by Year					Well Pumping		
	2000	2001	2002	2003	2004	2011	2012	
140th W & Gaskell 6.6R (So)	596.45	615.34	717.24	313.11	1,207.59	0.00	0.00	
140th W & Gaskell 7.0L1	0.00	30.27	0.00	0.00	0.00	0.00	0.00	
140th W & Gaskell 7.5R1	0.00	0.00	779.19	0.00	325.10	0.00	0.00	
140th W & Gaskell 9.0LB1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
115th W & Gaskell 11.6R3	0.00	83.45	182.18	0.00	625.88	0.00	0.00	
90th W & Gaskell 13.8R	189.52	124.46	0.00	106.87	0.91	0.00	0.00	
80th W & Gaskell 14.9R1 (SO)	117.93	201.46	194.38	142.26	0.00	0.00	0.00	
80th W & Gaskell 16.5R	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
Total (af)	903.90	1,054.98	1,872.99	562.24	2,159.48	517.40	551.60	
Note: Values for 2011 & 2012 from Tapia based on well pumpage determined by power records.								
Area Farmed (Tapia Depo.)	130.0	130.0	130.0	130.0	130.0	130.0	130.0	
Unit Applied Water (afa)	7.0	8.1	14.4	4.3	16.6	4.0	4.2	
<b>Maximum Area Farmed (Acres determined by LandSat Analyses)</b>								
	2000	2001	2002	2003	2004	2011	2012	
	<b>45.4</b>	<b>70.0</b>	<b>61.0</b>	<b>73.0</b>	<b>ND</b>	<b>79.4</b>	<b>24.0</b>	
Kern County Pesticide Data	Permit for 40ac corn	Permit for 60ac pumkin & 40ac corn	Permit for 40ac corn	Permit for 60ac pumkin		ND	ND	
Tapia Claim (afy)	534.5	534.5	534.5	534.5	534.5	534.5	534.5	
Unit AWD (afa)	11.8	7.6	8.8	7.3	ND	6.7	22.3	