Table 1:
Annual Disposal to Percolation Ponds 4, 5, 6 and 7 (2005-2010)

Table 2:
Monthly Daily Flow Rates (2005-2010)

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2/7/2011

Table 1 Annual Disposal to Percolation Ponds 4, 5, 6, and 7					Treatment Flow	Capacity, MGD
Year	City Disposal Rate, MGD	ARSA/Mule Creek Disposal Rate, MGD	Average Disposal Rate, MGD	Avg. Pond Disposal Capacity, MGD	ADWF, MGD	ADWF, MGD
2005	0.44	0.33	0.77	0.75	0.41	0.55
2006	0.43	0.27	0.71	0.75	0.39	0.55
2007	0.36	0.13	0.49	0.75	0.36	0.55
2008	0.34	0.06	0.40	0.75	0.34	0.55
2009	0.34	0.13	0.47	0.75	0.32	0.55
2010	0.40	0.08	0.47	0.75	0.39	0.55
2007-2010	**0.36**	**0.10**	**0.46**	0.75		

Note

1	Per 1991 Court settlement (ARSA Agreement) the City was required to accept 900 acre-ft of water per year from ARSA for disposal either in the percolation ponds or on the Castle Oaks Golf Course
2	Percolation Ponds 6 and 7 were initially construction for the purpose of disposal of ARSA secondary effluent
3	The Castle Oaks Golf Course irrigation demand has historically exceeded 550 acre-ft of water per year. However, the 100-Year Water Balance assumes 412 acre-ft.
4	The ARSA Agreement was revised in 9/18/2007 to limit the amount of water for disposal by the City to 650 acre-ft.
5	The ARSA Agreement as of the end of 2010 (three years into the revised agreement) eliminates all ARSA water from the percolation ponds but than extended to December 31, 2112 per later agreement.
6	Average City flow from January 2003 through April 2009 was 0.398 MGD

Table 2 Monthly Daily Flow Rates 2005						
Month	Days	City Influent Rate, MGD	Ave Dry Weather Flow: Treatment	ARSA Flow to Pond 6, Acre-ft	ARSA Flow to Pond 6, MGD	Total, MGD
Jan	31	0.563		0.000	0.000	0.563
Feb	28	0.457		0.000	0.000	0.457
Mar	31	0.553		10.745	0.113	0.666
Apr	30	0.442		62.382	0.678	1.119
May	31	0.393		33.770	0.355	0.748
Jun	30	0.444		14.659	0.159	0.603
Jul	31	0.410		34.077	0.358	0.768
Aug	31	0.404		0.000	0.000	0.404
Sep	30	0.389	0.412	17.798	0.193	0.582
Oct	31	0.367		61.948	0.651	1.018
Nov	30	0.338		84.784	0.921	1.259
Dec	31	0.482		54.758	0.576	1.058
Average or Total		**0.44**		**374.9**	**0.33**	**0.77**

Table 2 Monthly Daily Flow Rates 2006						
Month	Days	City Influent Rate, MGD		ARSA Flow to Pond 6, Acre-ft	ARSA Flow to Pond 6, MGD	Total, MGD
Jan	31	0.508		36.992	0.389	0.897
Feb	28	0.423		23.647	0.275	0.698
Mar	31	0.559		13.993	0.147	0.706
Apr	30	0.576		0.000	0.000	0.576
May	31	0.388		0.000	0.000	0.388
Jun	30	0.391		0.000	0.000	0.391
Jul	31	0.395		0.000	0.000	0.395
Aug	31	0.390		0.000	0.000	0.390
Sep	30	0.390	0.392	47.581	0.517	0.907
Oct	31	0.372		83.408	0.877	1.249
Nov	30	0.338		69.002	0.749	1.087

Dec	31	0.482		32.359	0.340	0.822
Average or Total		**0.43**		**307.0**	**0.27**	**0.71**

Table 2
Monthly Daily Flow Rates 2007

Month	Days	City Influent Rate, MGD		ARSA Flow to Pond 6, Acre-ft	ARSA Flow to Pond 6, MGD	Total, MGD
Jan	31	0.371		16.403	0.172	0.543
Feb	28	0.425		0.000	0.000	0.425
Mar	31	0.391		0.000	0.000	0.391
Apr	30	0.370		0.000	0.000	0.370
May	31	0.386		0.000	0.000	0.386
Jun	30	0.376		0.000	0.000	0.376
Jul	31	0.378		0.000	0.000	0.378
Aug	31	0.335		0.000	0.000	0.335
Sep	30	0.334	0.356	0.000	0.000	0.334
Oct	31	0.309		39.740	0.418	0.726
Nov	30	0.320		48.120	0.523	0.842
Dec	31	0.334		39.180	0.412	0.746
Average or Total		**0.36**		**143.4**	**0.13**	**0.49**

Table 2
Monthly Daily Flow Rates 2008

Month	Days	City Influent Rate, MGD		ARSA Flow to Pond 6, Acre-ft	ARSA Flow to Pond 6, MGD	Total, MGD
Jan	31	0.412		0.933	0.010	0.422
Feb	28	0.356		0.000	0.000	0.356
Mar	31	0.309		23.715	0.249	0.558
Apr	30	0.327		3.643	0.040	0.366
May	31	0.336		8.320	0.087	0.424
Jun	30	0.334		15.732	0.171	0.504
Jul	31	0.333		0.000	0.000	0.333
Aug	31	0.341		0.000	0.000	0.341

Sep	30	0.345	0.338	12.571	0.137	0.481
Oct	31	0.321		0.000	0.000	0.321
Nov	30	0.318		0.000	0.000	0.318
Dec	31	0.324		0.000	0.000	0.324
Average or Total		**0.34**		**64.9**	**0.06**	**0.40**

Table 2 Monthly Daily Flow Rates 2009						
Month	**Days**	**City Influent Rate, MGD**		**ARSA Flow to Pond 6, Acre-ft**	**ARSA Flow to Pond 6, MGD**	**Total, MGD**
Jan	31	0.331		0.000	0.000	0.331
Feb	28	0.423		0.000	0.000	0.423
Mar	31	0.359		9.118	0.096	0.455
Apr	30	0.340		0.000	0.000	0.340
May	31	0.332		18.556	0.195	0.527
Jun	30	0.318		39.585	0.430	0.748
Jul	31	0.335		13.102	0.138	0.473
Aug	31	0.315		26.876	0.282	0.597
Sep	30	0.302	0.318	21.944	0.238	0.540
Oct	31	0.331		21.788	0.229	0.560
Nov	30	0.348		0.000	0.000	0.348
Dec	31	0.292		0.000	0.000	0.292
Average or Total		**0.34**		**151.0**	**0.13**	**0.47**

Table 2 Monthly Daily Flow Rates 2010						
Month	**Days**	**City Influent Rate, MGD**		**ARSA Flow to Pond 6, Acre-ft**	**ARSA Flow to Pond 6, MGD**	**Total, MGD**
Jan	31	0.434		0.000	0.000	0.434
Feb	28	0.402		0.000	0.000	0.402
Mar	31	0.401		0.000	0.000	0.401
Apr	30	0.432		6.746	0.073	0.505
May	31	0.343		1.191	0.013	0.356

Jun	30	0.386		19.550	0.212	0.598
Jul	31	0.378		33.300	0.350	0.728
Aug	31	0.344		23.141	0.243	0.587
Sep	30	0.433	0.385	1.323	0.014	0.447
Oct	31	0.393		1.228	0.013	0.406
Nov	30	0.360		0.865	0.009	0.369
Dec	31	0.447		0.000	0.000	0.447
Average or Total		**0.40**		**87.3**	**0.08**	**0.47**