

APPENDIX A

Annual Water Budget

Run Times Based on 1/2 Inch of Irrigation Per Cycle

Zone #	Description	Head Type (#)	Precip. Rate	GPM	Run Time	Gals Per Cycle
					Total	

Historical Monthly Water Use - 70% of Potential ET				Legend
Month	Avg. Daily ET	Avg. Cycles	Total Gals.	Description Column
January	0.04	3		Sun or Shade
February	0.04	3		Turf or Beds
March	0.06	4		Sloped
April	0.07	4		Other
May	0.12	7		
June	0.15	9		Head Type (#) Column
July	0.18	11		Include # Of Heads on Proposed Zone
August	0.18	11		Sprays - Full/Half/Quarter
September	0.15	9		Rotors
October	0.10	6		Bubblers
November	0.05	4		Drip line
December	0.04	3		
* Deduct Rainfall		Yearly Total-74		

"Precipitation Rate = Gallons per minute per zone x 96.25 divided by square footage covered by that zone."

"Run Time = .5 irrigation divided by precipitation rate of that zone x 60 = minutes of run time."

WCID #17 Irrigation
Water Budget Application