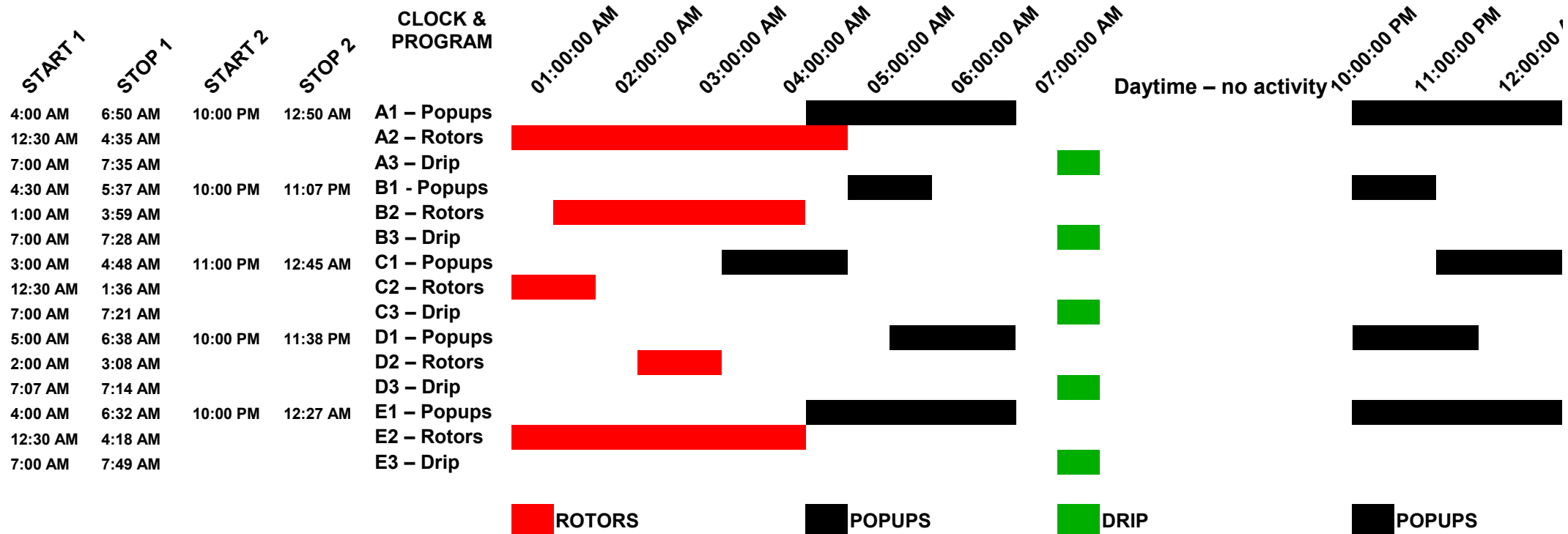


Starbuck Irrigation Schedule as of August 18, 2008

Watering three days a week SUN - WED – FRI

Clock and Program	Zones	Heads	START FIRST	STOP FIRST	START SECOND	STOP SECOND	RUN TIME	
								<p style="text-align: center;">CONTROLLER LOCATIONS</p> <p>All are Irritrol MCPLUS Year placed in service = (xxxx)</p> <p>CLOCK A - (2006) 4533 Mirage – Program 1</p> <p>CLOCK A - (2006) 4533 Mirage – Program 2</p> <p>CLOCK B - (2006) 4503 Silver Wing</p> <p>CLOCK C - (2000) 4503 Silver Wing</p> <p>CLOCK D - (2000) 4518 Silver Gate</p> <p>CLOCK E - (2006) 4518 Silver Gate – Program 1 (loaner)</p> <p>CLOCK E - (2006) 4518 Silver Gate – Program 2 (loaner)</p>
A-1	Pop Ups	371	4:00 AM	6:50 AM	10:00 PM	12:50 AM	2:50	
A-2	Rotors	106	12:30 AM	4:35 AM			4:05	
A-3	Drip	5 Zones	7:00 AM	7:35 AM			0:35	
B-1	Pop Ups	128	4:30 AM	5:37 AM	10:00 PM	11:07 PM	1:07	
B-2	Rotors	83	1:00 AM	3:59 AM			2:59	
B-3	Drip	4 Zones	7:00 AM	7:28 AM			0:28	
C-1	Pop Ups	226	3:00 AM	4:48 AM	11:00 PM	12:45 AM	1:48	
C-2	Rotors	36	12:30 AM	1:36 AM			1:06	
C-3	Drip	4 Zones	7:00 AM	7:21 AM			0:21	
D-1	Pop Ups	206	5:00 AM	6:38 AM	10:00 PM	11:38 PM	1:38	
D-2	Rotors	23	2:00 AM	3:08 AM			1:08	
D-3	Drip	1 Zone	7:00 AM	7:14 AM			0:14	
E-1	Pop Ups	128	4:00 AM	6:32 AM	10:00 PM	12:27 AM	2:32	
E-2	Rotors	92	12:30 AM	4:18 AM			3:48	
E-3	Drip	7 Zones	7:00 AM	7:49 AM			0:49	
TOTALS	144	1399					25:32:18	Total hours and minutes
Water Budget		70%						0:06 Average minutes per POPUP zone (twice a day)
Gallons used per watering day			78,400	Cost	\$337			0:20 Average minutes per ROTOR zone (once a day)
PROJECTED and ACTUAL cost for 2008								0:07 Average minutes per DRIP zone (every day)
April	May	June	July	August	September	October		
\$1,024	\$1,646	\$4,067	\$5,570	\$3,708	\$2,155	\$571	TOTAL PROJECTED cost for the watering year	\$18,741
\$985	\$1,430	\$3,052	\$5,865	\$0	\$0	\$0	UNDER or OVER PROJECTED cost	-\$974
							TOTAL BUDGETED for the watering year	\$18,000
							Dollars saved by rain sensors and Rain off	\$2,374

Starbuck Irrigation Timeline – all times approximate



Costs

Starbuck Homes Association projection and actual for 2

MONTH	Cost per 1,000	Estimated Gallons	Estimated Cost	Actual Gallons	Actual Cost
April	\$3.81	268,800	\$1,024	148,000	\$985
May	\$3.34	492,800	\$1,646	427,000	\$1,430
June	\$3.99	1,019,200	\$4,067	756,000	\$3,052
July	\$4.44	1,254,400	\$5,570	1,324,000	\$5,865
August	\$4.30	862,400	\$3,708		
September	\$3.70	582,400	\$2,155		
October	\$3.40	168,000	\$571		
Season	\$3.85	4,648,000	\$18,741	2,655,000	\$11,332

2008 Water Rates

\$78 per month for tap fees

1-15,000 = \$3.10 per 1,000

15,001- 25,000 = \$4.95 per 1,000

25,001 – 50,000 = \$6.68 per 1,000

Turn on system on April 15th

Shut down system on October 15th

Notes from 2008

60%, three days a week (180 units). Went to 70% on June 18 (210 units). Went to 80% on June 23 (240 units) VERY DRY = no rain

70% on S-T-W-F (280 units) on 8-1 went to once a day on ROTORS on 7-15.

Went to 60% four days a week on 8-8 (240 units) Three days a week at 70% on 8-17 (210- units)

Costs

2008 watering season

Scheduled Days	Rain Days	Water Budget (Percentage)			
		30%	40%	50%	60%
9	1				
13	2				
15	2				
18	2	33,600	44,800	56,000	67,200
15	4				
13					
5					
88	11				
Saved by Rain OFF		\$2,374			

Costs

70%	80%
78,400	89,600