

Woodridge HOA Irrigation Sprinkler Controller System

An irrigation sprinkler controller system are devices to operate automatic irrigation systems such as lawn sprinklers and drip irrigation systems. Most irrigation sprinkler controller systems have a means of setting the frequency of irrigation, the start time, and the duration of watering, which our irrigation sprinkler controller system do have and are considered professional controllers.

Our irrigation sprinkler controller system calculate the actual flow rate running in the system when a specific zone is operated, compare this to a pre-configured required amount, and adjust the irrigation process if deviation from the zone's flow rate is detected; This mechanism is called "Flow monitoring", and can prevent irrigation when a burst is occurring in the main line or in the zone's hydraulic components. The controller can also alert the operator locally via its interface, or remotely by sending an SMS or a message to a central control.

The Woodridge HOA has 21 different irrigation sprinkler controllers that are given letter designations:

- A (controller 14 with a billing address of 2667 Sunset Hills Blvd),
- B (also, controller 14 with a billing address of 2667 Sunset Hills Blvd),
- C (controller 12 with a billing address of 2661 Sunset Hills Blvd),
- D (controller 13 with a billing address of 2665 Sunset Hills Blvd),
- E (controller 15 with a billing address of 2703 Sunset Hills Blvd),
- F-1 (controller 16 with a billing address of 2820 Sunset Hills Blvd),

- F-2 (controller 2 with a billing address of 3141 Country Home Ct),
- G (controller 17 with a billing address of 2822 Sunset Hills Blvd),
- H (controller 18 with a billing address of 2861 Sunset Hills Blvd),
- I-1 (controller 19 with a billing address of 2863 Sunset Hills Blvd),
- I-2 (controller 20 with a billing address of 2690 Sunset Hills Blvd),
- J (controller 4 with a billing address of 3396 Hampton Ct),
- K (controller 2 with a billing address of 3394 Hampton Ct),
- L (controller 11 with a billing address of 3350 Morning Ridge),
- M (controller 10 with a billing address of 3274 Morning Ridge),
- N (controller 9 with a billing address of 3272 Morning Ridge),
- O (controller 8 with a billing address of 3056 Heavenly Ridge St),
- P (controller 7 with a billing address of 3054 Heavenly Ridge St),
- Q-1 (controller 5 with a billing address of 2995 Heavenly Ridge St),
- Q-2 (controller 6 with a billing address of 2997 Heavenly Ridge St), and
- R (controller 1 with a billing address of 3140 Country Home Ct).

Each station manages many actual sprinklers. From a budget perspective, Woodridge HOA is budgeted to receive \$743,685 per year in revenue from HOA monthly dues. And, from an actual expense perspective in calendar year 2021 Woodridge HOA expended \$148,602 for water used by our actual sprinklers. Thus, Woodridge HOA's sprinkler systems constitute 20% of our total budgeted revenue. Thus, close management, inspection, and maintenance of Woodridge HOA's sprinkler systems are of vital important to every member of the Woodridge HOA. Thus, if anyone sees a leak please report it.

On the next pages are two graphs showing Controller H and Controller J and the number of individual stations (each station control many individual sprinklers) with a chart showing their designated run times.



B. Dubin 10/12/2024

46°
AQI 28

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H. CONTROLLER RUN CHART

Accepted for Use By *B. D. Dulin*

On *10/12/2021*

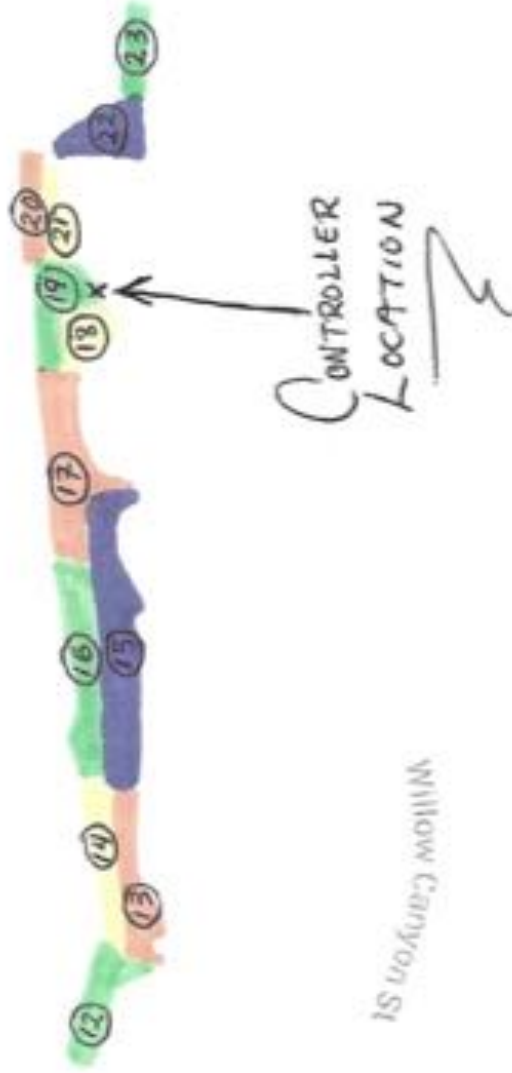
WATER METER		PROGRAM A	PROGRAM B
DAYS WATERED		Sun, Wed, Fri	
# OF DAYS RUN PER WEEK		3	
START TIME		9pm	
SEASONAL ADJUST			
JAN.	33%	JULY.	100%
FEB.	42%	AUGUST	95%
MARCH.	55%	SEPT.	76%
APRIL.	69%	OCT.	60%
MAY.	80%	NOV.	41%
JUNE.	86%	DEC.	31%
STATION	LOCATION DESCRIPTION	STATION RUN TIME IN MINUTES	STATION RUN TIME IN MINUTES
1	T OF SLOPE	20	
2	M OF SLOPE	20	
3	B OF SLOPE	20	
4	B OF SLOPE	20	
5	T OF SLOPE	20	
6	T OF SLOPE	12	
7	B OF SLOPE	12	
8	DAYLILIES	10	
9	B OF SLOPE	10	
10	T OF SLOPE	10	
11	ALL OF THE SLOPE	10	
12	ALL OF THE SLOPE	10	
13	ALL OF THE SLOPE	10	
14	GRASS	10	
15	B OF SLOPE	10	
16	T OF SLOPE	10	
17	T OF SLOPE	20	
18	GRASS	13	
19	T OF SLOPE	20	
20	M OF SLOPE	20	
21	B OF SLOPE	20	
22	M OF SLOPE	20	
23	T OF SLOPE	20	
24	ALL OF THE SLOPE	10	
25	B OF SLOPE	15	
26	T OF SLOPE	15	
27	B OF SLOPE	10	
28	T OF SLOPE	20	
29	B OF SLOPE	10	
30	T OF SLOPE	13	
31	GRASS	10	
32	B OF SLOPE	10	
33	T OF SLOPE	10	
34	DAYLILIES	10	
35	DAYLILIES	7	
36	DAYLILIES	7	
37	DAYLILIES	10	
38	DAYLILIES	10	
39	DAYLILIES	10	
40	DAYLILIES	10	
41		+	
42		0	
TOTAL MINS PER RUN		534	0
TOTAL MINS PER CALANDER WEEK		1602	0

This flowchart was developed by Showscape acting as the Subject Matter Experts and after having thoroughly reviewed each zone. The recommended run times take into account factors such as vegetation type, soil condition, zone orientation and gradient etc. By approving this chart Woodridge Association is nearly accepting the Showscape Baseline Recommendation. Changes to this Baseline need to be submitted to and accepted by the Woodridge Association prior to incorporation

CONTROLLER "J"



63° 



Willow Canyon St

B Rubin 10/17/2024

J. CONTROLLER RUN CHART

Accepted for Use By *B. Deulin*

On *10/12/2021*

WATER METER		PROGRAM A	PROGRAM B
DAYS WATERED		Sun, Tues, Thurs	
# OF DAYS RUN PER WEEK		3	
START TIME		10:45pm	
SEASONAL ADJUST			
JAN.	33%	JULY.	100%
FEB.	42%	AUGUST	95%
MARCH.	55%	SEPT.	78%
APRIL	69%	OCT.	60%
MAY.	80%	NOV.	41%
JUNE.	86%	DEC.	31%
STATION	LOCATION DESCRIPTION	STATION RUN TIME IN MINUTES	STATION RUN TIME IN MINUTES
1	B OF SLOPE	20	
2	T OF SLOPE	20	
3	B OF SLOPE	15	
4	T OF SLOPE	15	
5	T OF SLOPE	20	
6	B OF SLOPE	20	
7	T OF SLOPE	20	
8	B OF SLOPE	20	
9	T OF SLOPE	25	
10	B OF SLOPE	25	
11	T OF SLOPE	20	
12	T OF SLOPE	20	
13	B OF SLOPE	20	
14	T OF SLOPE	20	
15	B OF SLOPE	20	
16	T OF SLOPE	25	
17	ALL OF THE SLOPE	15	
18	B OF SLOPE	20	
19	T OF SLOPE	20	
20	T OF SLOPE	8	
21	B OF SLOPE	8	
22	ALL OF THE SLOPE	15	
23	ALL OF THE SLOPE	12	
24			
25			
26			
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38			
39			
40			
41			
42			
TOTAL MINS PER RUN		423	0
TOTAL MINS PER CALANDER WEEK		1269	0

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