

Garfield Park Veteran's Garden
Sprinkler system update
August 2024

EQUIPMENT SET UP

Pre-established equipment is contained in two in-ground receptacles in the garden.

The first one has the blue master water switch. This stays in ON Position at all times (Pointed west). Connected to it is a Y. The branch of the Y with the green hose connects to the sprinkler system. The branch of the Y with the black hose is for manual watering.

The Y should be set in this way all summer:

- Inward 'on' for the sprinkler system side.
- Outward "off" for the regular hose side. (UNLESS Manual hose watering is being done-reset the Y when done for the day but leave the BLUE master water switch ON).

TIMER SET UP

The second in-ground receptacle has the sprinkler system timer and parts in it. The timer is used to control the system. It functions like this one in the picture.



For any action, turn the button to select the 'mode'. Then click the same button to display the change menu for that mode.

- 1) Select "set clock" and click button. Set the clock to the current time. Be certain to indicate AM or PM. Click to choose.
- 2) Turn dial to select the next mode, "Start time". Select the desired start time. Be certain to indicate AM or PM. Click to choose.
- 3) Select 'how long' and add the amount of minutes desired.
- 4) Select 'how often' and select the frequency of watering.
- 5) IF you need to test the settings, scroll to 'auto/manual' and select Manual and the number of minutes you wish to run the test.

Current settings are not at the level that it will be a problem if rain also occurs.

TUBING GRID SET UP

The system consists of big $\frac{1}{2}$ tubes that take the water to each side of the garden. Smaller $\frac{1}{4}$ micro tubes connect to the big tubes to distribute the water to sprinklers and drip lines.

Currently three micro sprinklers are functioning with small sprayer running when the system is on. The fourth micro sprinkler (North side) is not functioning because the drip line is fed first and running the length of the garden to the rose bush.

The South side has a drip line too running along the bed to the rose bush also.

Next Steps to Solve -

- 1) Add a drip line or sprinkler to reach the all west side by the rock that is being missed.
- 2) Reinforce connections and make certain the no leakage is occurring.
- 3) Hide drip lines under mulch when system is secure and mark with colored rocks.
- 4) Connect with city if annual winterizing is required.