

Maintenance Check List

Installation Completion Date: 10 20 15

Address: 2209 Legend Hill Drive

The following items have been provided and explained to the irrigation system owner or system owner's representative.

- · The manufacturer's manual for the controller.
- A seasonal watering schedule.
- A list of components that require maintenance and the recommended frequency of maintenance is attached
- A permanent sticker has been attached to the controller indicating the warranty period for the irrigation system and contact information.
- The corrected or re-drawn design plans indicating the actual installation and components of the system.
- Location and operation of the isolation valve.

| Periodion cuctom ou |                    |  |
|---------------------|--------------------|--|
| Hillanon System ow  | ner/representative |  |

Date

This irrigation system has been installed in accordance with all applicable state and local laws, ordinances, rules, regulations or orders. I have tested the system and determined that it has been installed according to the irrigation plan and is properly adjusted for the most efficient application of water at this time.



Irrigator/Date

Irrigation Technician/ Date



POBOX 776 HUTTO, TX 78634 (512)228-4833 (512)852-9633 fax

| Zone # | Description | Head Type     | Run Time(Minutes) |
|--------|-------------|---------------|-------------------|
|        | Bed         | Spray-bubbler |                   |
| 2-5    | turf        | Spray         | 25                |
| 6      | turf        | mtors         | 45                |
| 7      | grass       | dn'P          | 30                |
| ,      | 0           |               |                   |
|        |             |               |                   |
|        |             |               |                   |
|        |             |               |                   |
|        |             |               |                   |
|        |             |               |                   |

| Month | Average |
|-------|---------|
|       | Cycles  |
| Jan.  | 3       |
| Feb.  | 3       |
| March | 4       |
| April | 4       |
| May   | 7       |
| June  | 9       |
| July  | 11      |
| Aug.  | 11      |
| Sept. | 9       |
| Oct.  | 6       |
| Nov.  | 4       |
| Dec.  | 3       |

## MAINTENANCE ITEMS

Backflow device – Test Annually (Call Louis Sinclair 563-8762) Y-strainer – Check annually for debris

Heads - Run system monthly to check for leaks or broken nozzles

Valve covers - Trim grass around cover to expose

Controller - Check seasonally for correct run times

Winter - Run system briefly every 2 weeks if system remains in off position

| Quantity   | Symbol      | Description                          | Part Number | Pressu |
|------------|-------------|--------------------------------------|-------------|--------|
| Sprinkler  | S           | •                                    |             |        |
| 4          | •           | Rain Bird 10F - 1804                 | 10F         | 30 psi |
| 24         | •           | Rain Bird 10H - 1804                 | 10H         | 30 psi |
| 28         | •           | Rain Bird 10Q                        | 10Q         | 30 psi |
| 2          | 0           | Rain Bird 1300A-F                    | 1300AF      | 30 psi |
| 4          |             | Rain Bird 5000-MPR-30-Q - 5004-PL-PC | MPR-30-Q    | 45 psi |
| 6          | •           | Rain Bird 8H - 1804                  | 8H          | 30 psi |
| 11         | •           | Rain Bird 8Q - 1804                  | 8Q          | 30 psi |
| Meters/Pi  | umps        |                                      | -           |        |
| 1          | M           |                                      |             | ]      |
| Backflow   | Devices     |                                      |             | 4      |
| 1          | (DE)        | Febco 715 - 1"                       | 715 - 1"    |        |
| Control V  | alves       |                                      |             |        |
| 8          | *           | Rain Bird 100-DVF                    | 100-DVF     | 1      |
| Y-Straine  | rs / Filter | s                                    |             |        |
| 1          | -           | Febco 650A-1"                        | 4305        | 1      |
| Irrigation | Accesso     | ries                                 |             |        |
| 1          | M           | Nelson 9501-100IN                    | 9501-100IN  | 1      |
| 1          | A           | Rain Bird E-4c                       | E-4c        | 1      |
| 1          |             | Rain Bird RSD-BEx                    | RSD-BEx     |        |
| Lateral Li | ne Pipe     |                                      |             | P      |
| 978 ft     |             | Class 200 1"                         | 0           |        |
| Mainline   | Pipe        |                                      |             |        |
| 215 ft     |             | Class 200 1"                         | 0           | 1      |
| Drip Tubi  | ng          |                                      |             |        |
| 113 ft     |             | Rain Bird LD-09-12                   | LD-09-12    | 1      |

| Maximum Recommended Flow   | 13 gpm    |
|----------------------------|-----------|
| Available Working Pressure | 58.39 psi |

Recommendations

Water Source #1

Static Pressure

Pipe Category Pipe Size

Length

Velocity

**Elevation Change** 

Service Line Information

Meter Size

5/8 inch meter

Class 200 PVC

Class 200 1"

65 psi

0 ft

5 ft

5 fps

Flow Radius

1.58 gpm 10 ft 0.79 gpm 10 ft 0.39 gpm 10 ft 1.7 gpm 0 ft 1.4 gpm 30 ft 0.52 gpm 8 ft 0.26 gpm 8 ft

## 2209 LEGEND HILL DRIVE

Design pressure all zones 65psi.





## JASON STUBBLEFIELD 10/20/015



