

## Maintenance Check List

Installation Completion Date: 10/21/15

Address: 7712 Turnback Ledge

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.

| Irrigation system owner/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.



|                        | ÿ    |
|------------------------|------|
| 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 | 10-12             |
| 2-4    | Turf        | spraus        | 25                |
| 5-1    | Turf        | 2'otors       | 45                |
| 8      | grass       | drip          | 30                |
|        |             |               |                   |
|        |             |               |                   |
|        |             |               | •                 |
|        |             |               |                   |
|        |             |               |                   |
|        |             |               |                   |

| 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 | Pressure | Flow        | Radius |
|------------|-------------|--------------------------------------|-------------|----------|-------------|--------|
| Sprinkler  | S           |                                      |             |          |             |        |
| 37         | •           | Rain Bird 10H - 1804                 | 10H         | 30 psi   | 0.79 gpm    | 10 ft  |
| 30         | •           | Rain Bird 10Q                        | 10Q         | 30 psi   | 0.39 gpm    | 10 ft  |
| 4          | •           | Rain Bird 5000-MPR-30-H - 5004-PL-PC | MPR-30-H    | 45 psi   | 2.96 gpm    | 30 ft  |
| 8          | •           | Rain Bird 5000-MPR-30-Q - 5004-PL-PC | MPR-30-Q    | 45 psi   | 1.4 gpm     | 30 ft  |
| 13         | •           | Rain Bird 8H - 1804                  | 8H          | 30 psi   | 0.52 gpm    | 8 ft   |
| 15         | •           | Rain Bird 8Q - 1804                  | 8Q          | 30 psi   | 0.26 gpm    | 8 ft   |
| Meters/Pu  | umps        |                                      |             |          |             |        |
| 1          | M           |                                      |             | ]        |             |        |
| Backflow   | Devices     |                                      |             |          |             |        |
| 1          | (ec)        | Febco 715 - 1"                       | 715 - 1"    | ]        |             |        |
| Control V  | alves       |                                      |             |          |             |        |
| 9          | •           | Rain Bird 100-DVF                    | 100-DVF     | 1        |             |        |
| Y-Straine  | rs / Filter | s                                    |             |          |             |        |
| 1          | 669         | Febco 650A-1"                        | 4305        | 1        |             |        |
| Irrigation | Accesso     | ries                                 |             |          |             |        |
| 1          | ⋈           | Nelson 9501-100IN                    | 9501-100IN  | ]        |             |        |
| 1          | A           | Rain Bird E-4c                       | E-4c        | 1        |             |        |
| 1          | N           | Rain Bird RSD-BEx                    | RSD-BEx     | F        | _           | 1"     |
| Lateral Li | ne Pipe     |                                      |             |          | ZONE        | 6      |
| 960 ft     |             | Class 200 1"                         | 0           | 1        | ZONE        | . 0    |
| Mainline   | Pipe        |                                      |             |          | 6 1"        |        |
| 285 ft     |             | Class 200 1"                         | 0           | 1        |             |        |
| Drip Tubi  | ng          |                                      |             |          | 8.72<br>GPM |        |
| 84 ft      |             | Rain Bird LD-09-12                   | LD-09-12    | 1        |             |        |

Irrigation

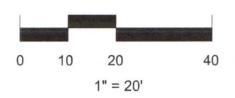
## 7712 TURNBACK LEDGE

Design pressure all zones 65psi.





## **JASON STUBBLEFIELD** 10/21/2015



| Water Source #1            |                |
|----------------------------|----------------|
| Meter Size                 | 5/8 inch meter |
| Static Pressure            | 65 psi         |
| Elevation Change           | 0 ft           |
| Service Line Information   |                |
| Pipe Category              | Class 200 PVC  |
| Pipe Size                  | Class 200 1"   |
| Length                     | 5 ft           |
| Velocity                   | 5 fps          |
| Recommendations            |                |
| Maximum Recommended Flow   | 13 gpm         |
| Available Working Pressure | 58.39 psi      |

