



# Sprinkler & Bubbler Irrigation System Evaluation\*

Property Name: \_\_\_\_\_ Date: \_\_\_\_\_

Property Address: \_\_\_\_\_

Evaluator: \_\_\_\_\_ Company Name: \_\_\_\_\_

CLIA ID Number: \_\_\_\_\_

## **Property Description:**

\_\_\_\_\_  
\_\_\_\_\_

### **Turf Spray Head**

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

Flow Rate per Minute: \_\_\_\_\_

### **Rotor Head**

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

Flow Rate per Minute: \_\_\_\_\_

### **Bubbler Head**

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

Flow Rate per Minute: \_\_\_\_\_

## **POC Data**

Water Source: Domestic  Recycled  Well  Other  (explain) \_\_\_\_\_

Meter(s) Number: \_\_\_\_\_

Pressure during Normal Irrigation \_\_\_\_\_ PSI      Time of Day \_\_\_\_\_

Static Pressure during Evaluation \_\_\_\_\_ PSI      Time of Day \_\_\_\_\_

## **Observed Problems**

Valve Malfunctions: \_\_\_\_\_

High Pressure: \_\_\_\_\_

Missing/Broken Heads: \_\_\_\_\_

Lateral/ Drip Line Leaks: \_\_\_\_\_

Mismatched Heads: \_\_\_\_\_

Heads Not Turning: \_\_\_\_\_

Leaking Seals/ Fittings: \_\_\_\_\_

Overspray: \_\_\_\_\_

Other: \_\_\_\_\_

Low Pressure: \_\_\_\_\_

Plugged Emitters: \_\_\_\_\_

Leaking Seals/Fittings: \_\_\_\_\_

Clogged Nozzles: \_\_\_\_\_

Spacing Uneven: \_\_\_\_\_

Low Head Drainage: \_\_\_\_\_

Tilted Heads: \_\_\_\_\_

Runoff: \_\_\_\_\_

Summary of Evaluation: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Catch Measurements** (Milliliters Collected)

**Test Location #1**      **Station No.** \_\_\_\_\_

1:	4:	7:	10:
2:	5:	8:	11:
3:	6:	9:	12:

Collection Time (minutes): \_\_\_\_\_ Operating Pressure (PSI): \_\_\_\_\_

**Test Location #2**      **Station No.** \_\_\_\_\_

1:	4:	7:	10:
2:	5:	8:	11:
3:	6:	9:	12:

Collection Time (minutes): \_\_\_\_\_ Operating Pressure (PSI): \_\_\_\_\_

**Test Location #3**      **Station No.** \_\_\_\_\_

1:	4:	7:	10:
2:	5:	8:	11:
3:	6:	9:	12:

Collection Time (minutes): \_\_\_\_\_ Operating Pressure (PSI): \_\_\_\_\_

**Test Location #4**      **Station No.** \_\_\_\_\_

1:	4:	7:	10:
2:	5:	8:	11:
3:	6:	9:	12:

Collection Time (minutes): \_\_\_\_\_ Operating Pressure (PSI): \_\_\_\_\_

Measurements for multi-valve installations should be taken at a station closest to meter, two stations at middle distance and a station farthest from meter. Pressure measurements should be taken at end of irrigation zone piping.

Uniformities can be calculated by measuring the collection from four (4) stations. The average collection of the lowest 25% of the sample should be divided by the average collection of the total sample to calculate DU.

Site Distribution Uniformity = \_\_\_\_\_

Evaluator's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Landscape Architect's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Accepted by City of Palm Desert-Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\*Refer to the Irrigation Association's Certified Landscape Irrigation Auditor handbook for evaluation information and process