



Drip Irrigation System Evaluation*

Property Name: _____ Date: _____

Property Address: _____

Evaluator: _____ Company Name: _____

CLIA ID Number: _____

Single Emmitter

Manufacturer: _____

Model: _____

Flow Rate per Hour: _____

Micro-Spray

Manufacturer: _____

Model: _____

Flow Rate per Hour: _____

Landscape Dripline

Manufacturer: _____

Model: _____

Flow Rate per Hour: _____

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 _____

Emitter Spacing and Irrigation Scheduling

Number of emitters per plant: _____ Root zone Avail. Water hold capacity (in.): _____

Wetted area per emitter (sq. ft.): _____ Irrigation frequency: _____

Soil type: _____ Space between emitters (if applicable) (in.): _____

Maximum Run Times: _____ Irrigation Days/ Week: _____

Observed Problems

Valve Malfunctions: _____ Low Pressure: _____

High Pressure: _____ Plugged Emitters: _____

Missing/Broken Emitters: _____ Leaking Seals/fittings: _____

Lateral/ Drip Line Leaks: _____ Clogged Emitters: _____

Other: _____

Summary of Evaluation:

Emitter 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.

Emission uniformity can be calculated by measuring the flow from four (4) stations of drip emitters. The average emitter collection of the lowest 25% of the sample should be divided by the average total site collection to calculate DU.

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