

Permit requirements for:

## *Lawn Sprinkler Systems*

### **Procedure:**

A resident or contractor who wishes to install a lawn sprinkler system must obtain a right of way permit from Public Works and a building permit from Codes. Applicants should submit a site plan showing the location of all lines, sprinkler heads, easements, and property lines.

### **Fees:**

The building permit fee for a sprinkler permit is \$30.00.

Contact Public Works @ 913-385-4647 for their right-of-way requirements and permits. Approval from Public Works is required before a building permit can be issued.

### **Inspections:**

One final inspection is required. Residents/contractors should call 913-385-4604 to schedule inspections. Devices shall be inspected by a certified tester and the results submitted to the Building Codes Department before we inspect, or to our inspector at the time of inspection. A Water One test report is acceptable for submission.

NOTE: In-ground sprinkler systems require a backflow prevention valve. The backflow valve should be visible when the final inspection is performed.

### **Backflow: Per 2012 IRC**

#### **P2902.5.3 Lawn Irrigation Systems.**

The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric vacuum breaker, a pressure vacuum breaker assembly (PVB) or a reduced pressure principle backflow prevention assembly. Valves shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow prevention assembly.

**We do not allow the use of double check valves.**



Water District No. 1 of Johnson County

# Backflow Prevention Assembly Test Report and Fireline Flushing Report

*Please ONLY submit PASSING test results*

Test Date: \_\_\_\_\_  Annual  New  Removed  Replaced\*  Test After Repair

Notification #: 16 By-Pass Notif. #: 16

### BY-PASS Information:

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

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

Serial #: \_\_\_\_\_

Size: \_\_\_\_\_

### CUSTOMER INFORMATION:

Service Address: \_\_\_\_\_ City: \_\_\_\_\_

Customer Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

### TESTED ASSEMBLY INFORMATION:

Assembly Location: \_\_\_\_\_

Manufacturer: \_\_\_\_\_ Model #: \_\_\_\_\_

Serial #: \_\_\_\_\_ Size: \_\_\_\_\_

Hazard: \_\_\_\_\_

### Fireline Flushing Acknowledgement:

\_\_\_\_\_ Date of Flushing

\_\_\_\_\_ Name (Typed or Printed)

### TYPE OF DEVICE:

- Reduced Pressure (RP)       Double Check (DC)       Pressure Vacuum Breaker       Air Gap
- Reduced Pressure Detector (RPDA)       Double Check Detector (DCDA)       Spill-Resistant Pressure Vacuum Breaker

PASSING BACKFLOW ASSEMBLY TEST RESULTS		
Reduced Pressure / Detector Assembly		
Double Check / Detector Assembly		
Check Valve #1	Check Valve #2	Relief Valve
Closed Tight at: _____ PSID	Closed Tight at: _____ PSID	Opened at: _____ PSID
BY-PASS TEST RESULTS		
Closed Tight at: _____ PSID	Closed Tight at: _____ PSID	Opened at: _____ PSID

<b>PVB / SVB</b>
Air Inlet Opened at: _____ PSID
Check Valve Held at: _____ PSID
<b>AIR GAP</b>
2 x Dia, min 1" Supply _____ in
Gap _____ in

\* REPLACEMENT: LIST OLD ASSEMBLY INFORMATION: Please Check the Replaced Box above.

Assembly Location: \_\_\_\_\_

Manufacturer: \_\_\_\_\_ Model #: \_\_\_\_\_

Serial #: \_\_\_\_\_ Size: \_\_\_\_\_

### REPAIRS DETAILS/COMMENTS

### TESTER INFORMATION:

Tester Name: \_\_\_\_\_

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

Phone #: \_\_\_\_\_

Phone #: \_\_\_\_\_

Tester ID#: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Fax #: \_\_\_\_\_

Email #: \_\_\_\_\_

**Please ONLY submit PASSING test results**

Submit by E-mail  
dwq@waterone.org

Print and Fax  
913-895-1822