



IRRIGATION PERMIT AND INSPECTION GUIDELINES

Effective October 1, 2014

A permit is required for all new irrigation systems, extending existing systems, major alterations, and any maintenance or repair of any components from the backflow device to the meter. Permit fees are \$25 for residential systems and \$50 for commercial systems (per master control valve).

Plans for new and modified systems must be drawn to scale and contain the following information:

- (a) Minimum plan size- 8 ½" x 11".
- (b) An irrigator shall prepare an irrigation plan for each site where a new irrigation system will be installed. A paper or electronic copy of the irrigation plan must be on the job site at all times during the installation of the irrigation system. A drawing showing the actual installation of the system is due to each irrigation system owner after all new irrigation system installations. During the installation of the irrigation system, variances from the original plan may be authorized by the licensed irrigator if the variance from the plan does not:
 - (1) diminish the operational integrity of the irrigation system;
 - (2) violate any requirements of the irrigation ordinance; and
 - (3) go unnoted in red on the irrigation plan.
- (c) The irrigation plan must include complete coverage of the area to be irrigated. If a system does not provide complete coverage of the area to be irrigated, it must be noted on the irrigation plan.
- (d) All irrigation plans used for construction must be drawn to scale. The plan must include, at a minimum, the following information:
 - (1) the irrigator's seal, signature, and date of signing;
 - (2) all major physical features and the boundaries of the areas to be watered;
 - (3) a North arrow;
 - (4) a legend;
 - (5) the zone flow measurement for each zone;
 - (6) location and type of each:
 - (A) controller; and
 - (B) sensors (rain and freeze are required) moisture, wind, flow
 - (7) location, type, and size of each:
 - (A) water source, such as, but not limited to a water meter and point(s) of connection;
 - (B) backflow prevention device;
 - (C) water emission device, including, but not limited to, spray heads, rotary sprinkler heads, quick-couplers, bubblers, drip, or micro-sprays;
 - (D) valve, including but not limited to, zone valves, master valves, and isolation valves;
 - (E) pressure regulation component; and
 - (F) main line and lateral piping.
 - (8) the scale used; and
 - (9) the design pressure.

The following city inspections will be required: (A licensed irrigator or irrigation technician must be on site at all times during installation)

- **Backflow** (*may be same time as Rough-in or Final*) - After the backflow device is installed, it shall be tested and certified by a licensed backflow assembly tester registered with the City of Paris. A passing report must be received before water is turned on. Only City of Paris backflow test report forms will be accepted. Device must be installed per manufacturer, with all test cocks plugged (threaded plugs), and proper clearances. Underground devices must be installed in a box per city ordinance. No valves or backflow devices allowed in right of way.
- **Rough-in Inspection** (*optional*) - Backflow inspection must be approved; all components of the system need to be installed; and the system needs to be subjected to a pressure test at the time of inspection. Check for location of valves and controllers; location and type of each head or emission device; piping installation and depth; wiring installation and depth.
- **Final Irrigation Inspection** (*within 10 days of completion**) - Backflow inspection must be approved and test report received; system is complete and in compliance with city and state requirements; all heads are properly adjusted and water is sprayed on landscaped areas only; check for location of valves and controllers; location and type of each head or emission device; Final Walk-Through Checklist must be submitted.

**failure to request a Final within 10 days of completion will result in system lockout until requested.*



IRRIGATION FINAL WALK-THROUGH CHECKLIST

This form is to verify that the licensed irrigator or irrigation technician has conducted the Final Walk-Through with the owner of the irrigation system.

Address: _____

Irrigation System Final Walk-Through Checklist:

- Completed final walk-through with the owner of the irrigation system.
- Completed maintenance checklist provided to the owner.
- Provided owner with the manufacture's manual for automatic controllers, seasonal watering schedule, and a list of components that require maintenance with the recommended frequency of service.
- Attached to the controller is a permanent sticker containing the irrigator's name, license number, contact information, and dates of the warranty period.
- Provided an accurate plan to the owner documenting the location of all the installed parts of the irrigation system.

By signing below the licensed irrigator acknowledges that "This irrigation system has been installed in accordance with all applicable state laws, ordinances, rules, regulations or orders. The system has been tested and determined to be installed according to the irrigation plan and is properly adjusted for the most efficient application of water at this time."

Licensed Irrigator Name (print)

Licensed Irrigator Name (print)

Date





BACKFLOW ASSEMBLY TEST AND MAINTENANCE REPORT

PWS No. 1390002

SUBMIT A SEPARATE SIGNED AND DATED ORIGINAL FOR EACH ASSEMBLY WITHIN 10 DAYS OF TEST

SITE INFORMATION

Name of Business: _____
 Business Address: _____
 Contact Person: _____ Phone No.: _____
 Contact Email: _____

TYPE OF ASSEMBLY (select only one)

- Reduced Pressure Principal
 Pressure Vacuum Breaker
 Reduced Pressure Principal – Detector
 Double Check Valve
 Spill-Resistant Pressure Vacuum Breakers
 Double Check - Detector

ASSEMBLY INFORMATION

Manufacturer: _____ Model Number: _____
 Size: _____ Located At: _____
 Serial Number: _____

REPLACEMENT ASSEMBLY Serial Number of **OLD** assembly _____ Model Number _____

The assembly is installed in accordance with manufacturer recommendations and/or local codes: YES NO
 Irrigation double check initial test only

TEST INFORMATION

	Reduced Pressure Principle Assembly			Pressure Vacuum Breaker	
	Double Check Valve Assembly		Relief Valve	Air Inlet	Check Valve
	1st Check	2nd Check			
Initial Test	Held at _____ psid Closed tight <input type="checkbox"/> Leaked <input type="checkbox"/>	Held at _____ psid Closed tight <input type="checkbox"/> Leaked <input type="checkbox"/>	Opened at _____ psid Did not open <input type="checkbox"/>	Opened at _____ psid Did not open <input type="checkbox"/>	Held at _____ psid Leaked <input type="checkbox"/>
Repairs and Materials Used					
Test After Repair	Held at _____ psid Closed tight <input type="checkbox"/>	Held at _____ psid Closed tight <input type="checkbox"/>	Opened at _____ psid	Opened at _____ psid	Held at _____ psid

TEST GAUGE INFORMATION

Make/Model: _____ Serial No.: _____ Calibration Date: _____
 Remarks: _____

TESTER INFORMATION. ALL FIELDS ARE REQUIRED.

Firm Name: _____ Certified Tester Name: _____
 Firm Address: _____ Tester Certification No.: _____
 Phone No.: _____ Email: _____
 Tester Signature _____ Test Date/Time _____

Test Records Must Be Kept For At Least Three Years