

Double Check Detector Assemblies – Type I

Notify - This may include the owner, the fire department, and/or alarm system operator.

Identify

Inspect

Observe – **Record the bypass water meter reading before testing**

Test the bypass assembly first

Follow same procedure as for a DCVA

Leave the shut-off valve #2 on the bypass assembly in closed position

Test the mainline assembly second

Follow same procedure as for a DCVA

Leave shut-off valve #2 of the mainline assembly in the closed position

Verify Detection of Flow through bypass

Open shut-off valve #2 of the bypass assembly

Open test cock #4 on mainline assembly*

Verify that bypass water meter indicates flow

* if test cock #4 for mainline valve is located on bypass piping you also need to verify bypass piping is not plugged by:

Close shut-off valve #1 on bypass, slowly open test cock #4. If water flows freely, than bypass piping is not plugged.

Return to Service – Slowly open all shut-off valves

Record the bypass water meter reading when you are done testing

Notify appropriate parties that service is restored

Fill out test report completely, accurately, and legibly

Double Check Detector Assemblies – Type II

Notify - This may include the owner, the fire department, and/or alarm system operator.

Identify

Inspect

Observe – **Record the bypass water meter reading before testing**

Test the bypass single check assembly first

Test like any other check valve on a DCVA

Leave the shut-off valve #2 on the bypass assembly in closed position

Test the mainline assembly second

Follow same procedure as for a DCVA

Leave shut-off valve #2 of the mainline assembly in the closed position

Verify Detection of Flow through bypass

Open shut-off valve #2 of the bypass assembly

Open test cock #4 on mainline assembly*

Verify that bypass water meter indicates flow

* if test cock #4 for mainline valve is located on bypass piping you also need to verify bypass piping is not plugged by:

Close shut-off valve #1 on bypass, open shut-off valve #1 on mainline, slowly open test cock #4. If water flows freely, than bypass piping is not plugged.

Return to Service – Slowly open all shut-off valves

Record the bypass water meter reading when you are done testing

Notify appropriate parties that service is restored

Fill out test report completely, accurately, and legibly

May need to talk to water purveyor on how they want the test report filled out for a type II assembly