ROTA FLOW
FIRE&UTILITY

SPRINKLER MAIN DRAIN TEST FORM

FACILITY:

LOCATION:

BY:												
DATE:												
RISER IDENTIFICATIONS	STATIC	RES	TIME	STATIC	RES	TIME	STATIC	RES	TIME	STATIC	RES	TIME

INSTRUCTIONS :

1. Record initial static pressure using supply water gauge.
2. Fully open main drain valve (usually 2 in.) until flow has stabilized and record residual pressure
3. Close valve and record time for water pressure to return to originalstatic pressure.

Conduct test annually on all sprinkler risers in the facility. If the sole water supply is through a backflow preventer and/or pressure reducing valves, test at least one system on a quarterly basis.

A large drop in the full flow pressure of the main drain (as compared to previous tests) normally is indicative of a dangerously reduced water supply caused by a valve in an almost fully closed position or other type of severe obstruction. After closing the drain a slow return to normal static pressure is confirmation of the suspicion of a major obstruction in the waterway and should be considered sufficient reason to determine the cause of the variation.