

METHODS OF CONDUCTING SURVEYS

Method 1 – Using Pressurized Fire Hydrants

1. Complete public protection survey contact sheet
2. Map ... (Shall identify the following)
 - a. Be sure to scale and identify the scale
 - b. Current corporate limits of city(ies) or town(s)
 - c. Current fire district, if any
 - d. Current response area, if different from fire district
 - e. Street names, if no names, street numbers should be listed
 - f. Location of **all** fire hydrants
 - g. Water main sizes
 - h. Pressure zone boundaries (if any)
 - i. Water system supply locations and capacities for the area being graded
 - j. Water system storage facilities and capacities in the area being graded
 - k. Location of fire station(s)
 - l. Where any creditable automatic aid equipment will enter the graded area and distance from automatic aid station to the district line
3. Complete an Apparatus and Equipment Form for all vehicles operated by the fire department and any creditable automatic aid vehicles.
4. Submit a copy of the last service test for each apparatus with a pump. Also submit a copy of the last test of the aerial ladder or elevated platform, if either exist.
 - a. Last 3 tests will need to be reviewed during survey.
5. Complete a Response Form for all volunteer, call back or off shift members that respond to structure fire calls.
 - a. List the last 20 responses, or
 - b. All the structure fires for the last 12 months, which ever is least (in the department that is being surveyed only)
6. Identify the total number of alarm responses the fire department responded to last year.
 - a. Structure fires in the city and/or fire district
 - b. Responses to first alarms outside
 - c. Indicate if outside responses were automatic first alarm responses
7. Identify an exact total number of fire hydrants in the city and/or district(s).
 - a. Plotted on map
 - b. Hydrant count break down form must be completed
8. Water system(s)
 - a. Provide maximum daily consumption (MDC) within the last 3 years
 - b. Provide the date of MDC
 - c. Provide the average daily consumption (ADC) in the last year