



Fire Flow Analysis Application
 (FOR BUILDING SPRINKLER DESIGN)
 City of Santa Fe Water Division
 801 West San Mateo Rd.
 Santa Fe, NM 87505

Applicant Name _____ **Date:** _____.

Contact Name: _____ **Contact Number:** _____.

Project Address: _____.

Flow Required: _____ **gpm**

Residual Pressure Required: _____ **psi**

NOTE: Provide a vicinity map with this request.

Analysis Location:

Fire Flow Analysis

Fire flow data has been calculated based on peak day flows at the location shown on the attached sketch and is summarized below:

Fire Flow (gpm)	Residual Pressure (psi)	Notes:
0		Values at node _____ (proposed point of connection to _____" main--no fire/service line losses) calculated at elevation _____. Residual pressures are calculated for peak day conditions. The flows and pressures were modeled using H2OMap water modeling software. The static pressure is _____ psi.
500		
1000		
1500		

Backflow Preventer Location: SDCW requires the backflow preventer (BFP) to be within 30 feet of the point of connection to the water main and BFP must meet all SDCW requirements (a reduced pressure principle backflow preventer with integral metered bypass detector assembly per SDCW Design Criteria Manual with FCCCHR-USC approval/listing is required on fire lines).

NAME: _____ **DATE:** _____
 Engineer, City of Santa Fe Water Division