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 (gpm) | Residual Pressure (psi) | Notes: 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.
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<tbody>
<tr>
<td>0</td>
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<tr>
<td>500</td>
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<tr>
<td>1000</td>
<td></td>
<td>The static pressure is _____ psi.</td>
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<tr>
<td>1500</td>
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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