

WASHOE COUNTY DEPARTMENT OF WATER RESOURCES (DWR)
REQUEST FOR PRESSURE DATA

Contractor – Complete Items 1-5; Fire Dept. – Complete Items 6-8; DWR - Complete Items 9-12

1. Project name: _____
2. Project address: _____
3. Project APN: _____
4. Bldg square footage: _____ Construction type: _____
5. Applicant/Contractor: _____
Company & address: _____
Phone #: _____ Fax #: _____
6. Hydrant fire flow demand required: _____ gallons per minute
(includes internal fire sprinkler demand)
7. Duration of total fire flow required: _____ hours
8. Fire department contact: Name: _____ Phone #: _____
Fax #: _____
9. Water main size and location _____
10. Maximum day pressure w/o fire flow demand (static) _____ psi
11. Maximum day pressure with total fire flow demand (residual) _____ psi
12. DWR contact: Name: _____ Phone #: _____

Date Completed: _____

Notes:

1. Pressures noted above are determined by computer hydraulic modeling of the DWR's water system. Due to seasonal, daily and hourly fluctuations in system demand, the model results may not reflect available hydrant flow test data. All model generated pressures should be considered approximate. Also, pressures do not include losses through the service line, meter, backflow device and other appurtenances.
2. Applicant is cautioned that unidentified field or non-typical demand conditions, especially in the vicinity of the project, cannot be included in the hydraulic model. These local demands and/or system variations may significantly affect these pressures.
3. Pursuant to NAC 445A, the Authority is required to provide a system-wide minimum of 20 psi at the main in the street during the largest single fire flow event occurring coincident with the maximum day demand. Pressures greater than 20 psi cannot be guaranteed. Modifications to the water system including, but not limited to, demand changes, pressure zone boundary changes, improvements or adjustments to pumps and/or pressure regulators, or any other alterations to the water system infrastructure, may significantly affect water pressure in the future.
4. **THIS DATA IS NOT VALID AFTER 12-MONTHS FROM "DATE COMPLETED" NOTED ABOVE.**