



City of Tukwila

Fire Department

Private Fire Systems

HYDRANT TEST PROCEDURE

All fire protection service companies must comply with the requirements of both the Tukwila Fire Department and the Tukwila Water Utility. To verify that fire protection hydrants on the private water main are ready for use, the City requires certain procedures be met. Flushing shall not be permitted unless absolutely necessary. For flushing to occur, a hydrant use permit is to be obtained through the City's permit center. With regulations now in effect under the Endangered Species Act, absolutely no chlorinated water is allowed into any storm drain, swale, stream, river, or other surface water facilities. Alternatives are to dechlorinate, flush to a sanitary sewer system, or simply test the hydrant without opening for discharge.

PROCEDURE FOR TESTING A HYDRANT WITHOUT DISCHARGE

- ◆ Verify that all port caps and stortz are secure.
- ◆ The secondary valve (foot valve) should be operated and exercised to verify that it is in the open position. Once fully opened, back off ¼ to ½ turn so the valve is not left fully open or stuck during flow.
- ◆ The hydrant can now be opened with all caps tightly in place to allow the oil bonnet to lubricate the stem. Listen for the water to fill the hydrant.
- ◆ Now close the hydrant as water should naturally drain out the built-in bleeder port.

References:

TMC 14.24

Infrastructure Design and Construction Manual, City of Tukwila

International Fire Code 508.5 and 105.6.16

Endangered Species Act