

**King County**

Department of Development and Environmental Services
Building Services Division

900 Oakesdale Avenue Southwest
Renton, Washington 98057-5219
206-296-6600 TTY 206-296-7217

KING COUNTY CERTIFICATE OF WATER AVAILABILITY

For alternate formats, call 206-296-6600.

This certificate provides the Public Health - Seattle & King County Department and the Department of Development and Environmental Services with information necessary to evaluate development proposals.

Do not write in this box

Number

Name

☒ Building Permit

☐ Preliminary Plat or PUD

☐ Short Subdivision

☐ Rezone or other: _____

Applicant's name: John Kroon

02-G-01-08

Proposed use: New Single Family Residence

Location (attach map and legal description if necessary):

King County Parcel No. 312007-9003

47031 286th Ave SE

Water purveyor information:

1. ☒ a. Water will be provided by service connection only to an existing 8" (size) water main that is 600 feet from the site.
OR
☐ b. Water service will require an improvement to the water system of:
☐ (1) _____ feet of water main to reach the site; and/or
☐ (2) The construction of a distribution system on the site; and/or
☐ (3) Other (describe): _____
2. ☒ a. The water system is in conformance with a County approved water comprehensive plan.
OR
☐ b. The water system improvement is not in conformance with a County approved water comprehensive plan and will require a water comprehensive plan amendment. (This may cause a delay in issuance of a permit or approval.)
3. ☒ a. The proposed project is within the corporate limits of the district, or has been granted Boundary Review Board approval for extension of service outside the district or city, or is within the County approved service area of a private water purveyor.
OR
☐ b. Annexation or Boundary Review Board (BRB) approval will be necessary to provide service.
4. ☐ a. Water is or will be available at the rate of flow and duration indicated below at no less than 20 psi measured at the nearest fire hydrant _____ feet from the building/property (or as marked on the attached map):
Rate of flow at Peak Demand: ☐ less than 500 gpm (approx. _____ gpm) ☐ 500 to 999 gpm ☐ 1000 gpm or more
☐ flow test of _____ gpm ☐ calculation of _____ gpm
Duration: ☐ less than 1 hour ☐ 1 hour to 2 hours ☐ 2 hours or more Other: _____
 (Note: Commercial building permits which include multifamily structures require flow test or calculation.)
 OR
☒ b. Water system is not capable of providing fire flow. to the subject parcel.
5. ☒ a. Water system has certificates of water rights or water right claims sufficient to provide service.
OR
☐ b. Water system does not currently have necessary water rights or water right claims..

Comments/conditions: Separate meter required for fire sprinkler system. See attached memo for details and other conditions.

I certify that the above water purveyor information is true. This certification shall be valid for one year from date of signature.

City of Enumclaw

Scott Woodbury

360-615-5728

Agency name

Signatory name

Assistant City Engineer

Title

Signature

1-30-08

Date

Check out the DDES Web site at www.metrokc.gov/ddes

CITY OF ENUMCLAW

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TO: Applicant

FROM: Scott Woodbury

DATE: January 30, 2008

SUBJECT: Fire Flow/Water Availability –King County Parcel 312007-9003

A 5/8" x 3/4" water meter service connection has been purchased for the property and water will be available to the property through that connection. The water meter will be located at the east right-of-way line of 284th Avenue SE. The applicant is responsible for the water service line from the meter to the residence.

Static pressure at the meter should be approximately 45 psi based on an approximate elevation of 780 feet at 284th Avenue SE west of the subject parcel (1929 NGVD Datum). However, the elevation of the subject parcel frontage on 286th Avenue SE is approximately 830 feet, which would provide static pressure of only 25 psi. Thus, a private booster pump is recommended to provide acceptable pressure for the proposed residence. The City will not be liable for failure of any booster pump if the City water supply loses pressure for any reason. The pump design should include a protective system to ensure the pump is not damaged because of lack of water. However, the City is currently designing a project to increase the pressure available in the 284th Avenue water main in 2009 by about 50 psi. Once this project is constructed and operational the private booster pump would no longer be necessary.

An expansion tank or other mechanism shall be installed on the hot water tank to accommodate thermal expansion in the customer's plumbing. The City meter setter has a check valve that prevents thermal expansion into the City water main. An approved backflow device may be required if the water service will be used for non-domestic purposes.

The water main in 284th Avenue SE is capable of providing at least 1000 gpm fire flow. However, access to the subject parcel is from 286th Avenue SE where there is no City water main. Thus, fire flow is not available to the parcel.

If a fire sprinkler system is required and will be served by City water, then a separate meter will be required in addition to the domestic water service meter and a separate water line run from the fire system meter to the structure. Connection fees are not assessed for a fire meter, only time and material costs to install the meter. Contact the City for detailed requirements. The applicant is advised to consider a pump and tank to provide water supply to the fire sprinkler system if a system is required.

Work within the right-of-way is subject to King County permit approval and conditions. This certificate of availability is valid for one year from the date of signature.