

# Hydraulic Model Analysis/Flow Test Request Form

18631 SE 300<sup>th</sup> Place  
Covington, WA 98042 Phone  
253-631-0565  
Fax 253-631-5823



Office Use Only:  
Date Received: \_\_\_\_\_  
Receipt Amount: \_\_\_\_\_  
Cashier Initials: \_\_\_\_\_  
WAL #: \_\_\_\_\_  
SB Acct#: \_\_\_\_\_

Please return completed form to:  
Covington Water District  
Attn: Engineering Division  
Cc: Finance

**Applicant Information:** Hydraulic model analysis is required for commercial DE projects using the City or County approved site plan. Hydraulic modeling will provide the closest fire flow value(s) at the existing or proposed hydrant(s) relative to each lot or proposed building being built. Note that actual flow test requests will require modeling in order to achieve fire flows at a residual 20 psi (minimum) value. Actual on-site flow tests do not accurately project fire flows due to pump, PRV, maximum day demand, tank elevation and other factors that may not be active during flow testing. If King County Development Services (Fire Review) is requesting the testing, please inform the CWD Project Coordinator.

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Email: \_\_\_\_\_

Project Description: \_\_\_\_\_

Property Address: \_\_\_\_\_

Tax Parcel Number(s): \_\_\_\_\_

Jurisdiction: King County or City of \_\_\_\_\_

Please provide the following documentation with your request form for Hydraulic Model:

Map of flow test location (vicinity map)  Project layout/site plan & approximate high & low elevation including number of stories

Please provide the following documentation with your request form for Hydrant Flow Test:

Map of flow test location (vicinity map)

Check which one applies to your request:

Hydraulic Model Analysis: Non-Residential fee \$900.00 (updates are additional \$550.00) Residential fee \$200.00.  
 Hydraulic Model Analysis with existing in progress Developer Extension (DE): No payment required, signature below allows District to proceed with modeling and time will be billed to the active DE account.  
 Fire Hydrant Flow Test and Model: Non-Residential include payment of \$1,250; Residential include payment of \$840.00 (Required by *King County* and requires actual flow value at testing with King County present to observe test).  
 Developer Flush Test: Please include payment of \$520.00 (SFR only, CWD Inspector present w/hired flow-pressure testing company by applicant).

If you wish to authorize Covington Water District to proceed, please sign below and return this agreement, accompanied by your deposit. Upon receipt of the signed agreement and deposit, the District will advise you of the work schedule. Please allow approximately 2-4 weeks to process and schedule work depending upon the number of requests.

\*We accept cash or check only for fees.

Authorization to Proceed

\_\_\_\_\_  
Property Owner/Authorized Agent

\_\_\_\_\_  
Date

\_\_\_\_\_  
Phone #