

## King County Certificate of Water Availability

Do not write in this box							
Number <u>DWFL20-0166</u> Name <u>Vashon Congregate Low Income Housing</u>							
Building Permit     O Preliminary Plat or PUD							
O Short Subdivision O Rezone or other:							
Applicant name: Vashon Household							
Proposed use: Residential - Low Income Housing							
Location (attach map and legal description if necessary):							
Water mineral informations							
Water purveyor information:  1.							
1,5	Ι¥Ι	a.	Water will be provided by service connection only to an existing 8" (size) water main that is				
<b>0</b> D			100 feet from the site.				
OR		_	Webs and in the second of the				
			Water service will require an improvement to the water system of:				
			feet of water main to reach the site; and/or				
			(2) The construction of a distribution system on the site; and/or				
2.			(3) Other (describe):				
OR	$\square$	a.	The water system is in conformance with a County approved water comprehensive plan				
OK		h	The water system improvement is not in conformance with a County approved water comprehensive plan and will				
	Ц	U.	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,,	$\square$	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 150 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 4,232 gpm  Duration: ☐ less than 1 hour ☐ 1 hour to 2 hours ☐ 2 hours or more Other:				
OR	_		(Note: Commercial building permits which include multifamily structures require flow test or calculation.)				
		b.	Water system is not capable of providing fire flow.				
OR							
5	V	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:							
I certify that the above water purveyor information is true. This certification shall be valid for one year from date of signature.							
Water District 19 Jim McRae							
Agency name Signatory name							
General Manager 11/24/2020 Title Signature Date							
1100			Date				

## **HYDRANT FLOW TEST REPORT**

Date: 4/17/19

Time: 11:00 AM

Customer Location: SW 184th Stret & Vashon Hwy SW

Tested by: Kelth Kassik

Representative of: Water District 19

Witness: Dominic Jovanovich

Gage hydrant located: SW 188th Street

Gage hydrant elevation: 404' above MSL

Flow hydrant located: Vashon Highway

Notes: no detectible pressure differential between static & dynamic pressures

Static psi	52	Residual psi	51
	OUT	LOUIZI ET A	
Flow hydrant results:	OUILEI 1	OUTLET 2	
Size of Hydrant Outlet	2.5	2.5	
Pitot reading			
Discharge coefficient	0.90	0.90	Total GPM
Calculated Pitot GPM	0	0	0
Gage GPM	650		650

Projected results @ 20 psi Residual: 4232 gpm

