

CITY OF SEATAC
CERTIFICATE OF WATER AVAILABILITY **PROJECT #**

PART A: (TO BE COMPLETED BY APPLICANT)

1. **Owner Name:** Hsueh-Ju and Beesun Liou

Owner Address:

Owner Phone:

Agent/Contact: Harold Duncanson

Phone: 206-244-4141

Site Address (Attach map and legal description showing hydrant location and size of main:

See attached map for hydrant and main locations 4502 & 4448 S 166th St.

SeaTac

2. This certificate is submitted as part of an application for: SFR - Subdividing

☐ Residential Building Permit

☐ Preliminary Plat

☒ Short Subdivision

☐ Rezone

☐ Commercial/Industrial Building Permit

☐

3. Estimated number of service connections and meter size(s):

4. Vehicular distance from nearest hydrant to: 20' +/- to property. See attached map for hydrant location.

5. Minimum needs of development for fire flows 1000 gpm at a residual pressure of 20 psi.

☒ Fire Marshall

☐ City

☐ Insurance Underwriter

☐ Other

6. Area is served by:

HIGHLINE WATER DISTRICT

(Utility)

Owner/Agent's Signature:

Date:

2/16/2021

PART B: (TO BE COMPLETED BY WATER UTILITY)

1. This proposed project is located within SEATAC /KING
(City/County)
2. Improvements required to upgrade the water system to bring it into compliance with the utilities' comprehensive plan or to meet the minimum flow requirements of the project before connection: See conditions below.
3. Based upon the improvements listed above, water can be provided and will be available at the site with a residual pressure of: 20 psi 1000 gpm for a duration of 2 hours at a velocity of 10 fps as documented by the attached calculations.

CONDITIONS:

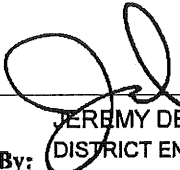
I hereby certify that the above information is true and correct based on the best available information. This certification shall be valid for one year from date of signature.

HIGHLINE WATER DISTRICT

Agency

206-592-8904

Phone


JEREMY DELMAR
By: DISTRICT ENGINEER

2/17/21
2/16/2021
Date

PART C: (TO BE COMPLETED BY GOVERNING JURISDICTION)

1. Water Availability - Check one:

- ☐ Acceptable service can be provided to this project.
- ☐ Acceptable service cannot be provided to this project unless the improvements listed in Item #B2 are met.
- ☐ System is not capable of providing service to this project.

2. Minimum water system improvements: (At least equal to B2 above)

Customer recognizes that the water pressure/fire flow information provided pursuant to this request is general in nature and may not be accurate for any specific location at any specific time. Customer remains solely responsible for determining the specific water pressure/flow information available for Customer's intended use. The general information provided by the District is not intended for and should not be relied upon to design a water system or fire suppression system for a specific location. Customer is responsible to field verify the specific water pressure and fire flow at Customer's specific location for Customer's specific needs. .

Agency

Phone

By

Date

Test Report for 4502 & 4448 S. 166th St. @ hydrant #H3313

| | ID | Static Demand (gpm) | Static Pressure (psi) | Static Head (ft) | Fire-Flow Demand (gpm) | Residual Pressure (psi) | Available Flow at Hydrant (gpm) | Available Flow Pressure (psi) |
|---|------|------------------------|--------------------------|---------------------|---------------------------|----------------------------|------------------------------------|----------------------------------|
| 1 | 1003 | 0.92 | 61.72 | 591.44 | 1,000.00 | 47.93 | 1,913.97 | 20.00 |