

G-17338

Equitable Center, 530 Center St., NE, Suite 400, Salem, OR 97301 | Phone 503.540.4262 | Fax 503.399.1645 | www.schwabe.com

**MARTHA O. PAGEL**  
Admitted in Oregon and Washington  
Direct Line: Salem 503-540-4260; Portland 503-796-2872  
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April 8, 2010

**BY HAND DELIVERY**

Kerry Kavanagh  
Application Caseworker  
Oregon Water Resources Department  
725 Summer St NE Ste A  
Salem, OR 97301-1271

Re: Amendment to Application G-17338 (Vitesse, LLC)  
Our File No.: 121523/173537


Dear Kerry:

Enclosed for filing on behalf of our client, Vitesse, LLC (Vitesse), are revised application pages and a revised map for Application G-17338. Vitesse has revised the application to add an additional point of appropriation, for a total of two proposed wells. Please deduct the additional fee of \$250.00 for the second point of appropriation from Schwabe, Williamson & Wyatt's account with the Department.

Application pages 2 through 5 have been revised to account for the additional point of appropriation. The map has been revised to provide more accurate coordinates for the location of the existing exploratory boring (CROO 63726), which is now identified as Well 1 in the revised materials, and to add the location of the second proposed well.

If you have any questions, please let me know.

Sincerely,

  
Martha O. Pagel

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Kerry Kavanagh  
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MOP:sdl  
Enclosures

cc: (all w/encls.)  
David Aaroe  
James B. Newton  
Jeremy Giffin  
Rachel Peterson

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Oregon Water Resources Department 725  
Summer Street NE, Suite A  
Salem Oregon 97301-1271  
(503) 986-0900  
www.wrd.state.or.us

# Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. A summary of review criteria and procedures that are generally applicable to these applications is available at [www.wrd.state.or.us/OWRD/PUBS/forms.shtml](http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml).

## 1. APPLICANT INFORMATION

### A. Individuals

Applicant: N/A  
First Last

Mailing Address: \_\_\_\_\_  
City State Zip

Phone: \_\_\_\_\_  
Home Work Other

\*Fax: \_\_\_\_\_ \*Email Address: \_\_\_\_\_

### B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of Organization: Vitesse, LLC c/o Facebook, Inc.

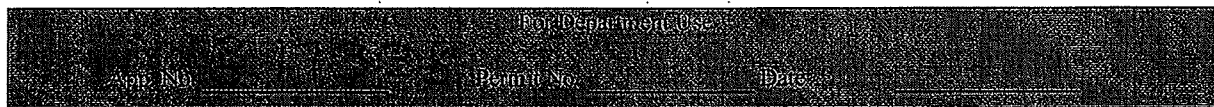
Name and Title of Person Applying: Tom Furlong, Director of Site Operations

Mailing Address or Organization: 1601 S. California Avenue  
Palo Alto CA 94304  
City State Zip

Phone : 408-591-8815  
Day Evening

\*Fax: \_\_\_\_\_ \*Email Address: \_\_\_\_\_

\*Optional **APPLICANT AGENT: Martha O. Pagel, Schwabe, Williamson & Wyatt**  
**530 Center St. NE, Ste. 400, Salem, OR 97301**  
**503-540-4260, fax 541-796-2900, email mpagel@schwabe.com**



Last Updated: 3/31/2009

Ground Water/1

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2. PROPERTY OWNERSHIP

Yes (Please check appropriate box below then skip to section 3 'Ground Water Development')

- There are no encumbrances
- This land is encumbered by easements, rights of way, roads or other encumbrances (please provide a copy of the recorded deed(s) )

No (Please check the appropriate box below)

- I have a recorded easement or written authorization permitting access.
- I do not currently have written authorization or easement permitting access.
- Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigated and/or domestic use only (ORS 274.040).

You must provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.

List the names and mailing addresses of all affected landowners.

None other than applicant.

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 2

Name of nearest surface water body: Crooked River

Distance from well(s) to nearest stream or lake:

Well 1                      Well 2

1) > 1 1/4 miles to NE    2) 1 1/4 miles to NE    3)                      4)                     

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head:

1) N/A                      2)                      3)                      4)                     

B. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to section 4 of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by:

Existing boring (Well 1) shown on Figure 1 to be modified into well for main industrial supply water by Western Water Development, an Oregon Licensed water well constructor. Second proposed well (Well 2) to be constructed by an Oregon licensed water well constructor.

Mailing Address: P.O. Box 1670

Redmond                      OR                      97756

City                      State                      Zip

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Completion Date: Not completed at this time.

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Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
1	12"	10" steel	~780'	490-780'	~490'	~305'	~490'	3/4"	~780'
2	8-10"	4-8" steel	~780'	490-780'	~490'	~305'	~490'	3/4"	~780'

Note: Well numbers in this listing must correspond to well locations(s) shown on accompanying map.

If well log is not available, or well is not yet constructed, you must provide: proposed total depth, depth of casing and seal, and the anticipated perforation and open intervals.

**C. Artesian Flows**

If your water well is flowing artesian, describe your water control and conservation works:

N/A

**4. WATER USE**

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

**A. Type(s) of Use(s)**

See list of beneficial uses provided in the instructions.

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: \_\_\_\_\_
- If your proposed use is **irrigation**, please attach **Form I**
- If your proposed use is **mining**, attach **Form R**
- If your proposed use is **municipal or quasi-municipal**, attach **Form M**
- If your proposed use is **commercial/industrial**, attach **Form Q**

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**B. Amount of Water**

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1	groundwater	industrial	340	56,695,000	340
2	groundwater	industrial	340	56,695,000	340

**C. Maximum Rate of Use Requested**

What is the maximum, instantaneous rate of water that will be used? 340 gpm total  
(The fees for your application will be based on this amount.)

**D. Period of Use**

Indicate the time of year you propose to use the water: year-round  
(For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1-October 31.)

**E. Acreage**

If you will be applying water to land, indicate the total number of acres where water will be applied or used: N/A

(This number should be consistent with your application map.)

**5. WATER MANAGEMENT**

**A. Diversion**

What method will you use to divert water from the source?

- Pump (give horsepower and pump type): 75 hp turbine pump and motor
- other means (describe): \_\_\_\_\_

**B. Transport**

How will you transport water to your place of use?

- Ditch or canal (give average width and depth):

Width \_\_\_\_\_ Depth \_\_\_\_\_

Is the ditch or canal to be lined?  Yes  No

- Pipe (give diameter and total length):

Diameter 6" Length 150' to storage reservoir for distribution

- other, describe: \_\_\_\_\_

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**C. Application/Distribution Method**

What equipment will you use to apply water to your place of use?

Water from the wells will be appropriated to a ~273,000 gallon storage reservoir for distribution of project water by booster pumps through pressurized pipelines. Complete system design is not finalized at this time.

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Irrigation or land application method (check all that apply): N/A

- Flood
- High pressure sprinkler
- Low pressure sprinkler
- Drip
- Water Cannons
- Center pivot system
- Hand Lines
- Wheel Lines
- Siphon tubes or gated pipe with furrows
- other, describe: \_\_\_\_\_

Distribution method

- Direct pipe from source
- In-line storage (tank or pond)
- Open Canal

**E. Conservation**

What methods will you use to conserve water? Why did you choose this distribution or application method? Have you considered other methods to transport, apply, distribute or use water? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

Water will be pumped from the wells directly to an onsite storage reservoir (tank) and subsequently distributed through pressurized pipelines for distribution by booster pumps. Water meters will be installed to monitor water usage for recording and accounting purposes. Abnormal or excessive volumes of water will indicate the need for a system audit to identify and correct system losses.

**6. PROJECT SCHEDULE**

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

Proposed date construction will begin: April 1, 2010 (under limited license)

Proposed date construction will be completed: August 1, 2015

Proposed date beneficial water use will begin: August 1, 2010 (under limited license)

Is this project fully or partially funded by the American Recovery and Reinvestment Act? (Federal stimulus dollars)  Yes  No

**7. REMARKS**

*If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.*

Water under this permit will be used to provide industrial water to a data center. The peak rate to be used from the project wells is 340 gpm total with a maximum annual volume of 174 acre-feet. Water use will begin under a limited license beginning August 2010 while processing of this permanent application is under way.

### 8. MAP REQUIREMENTS

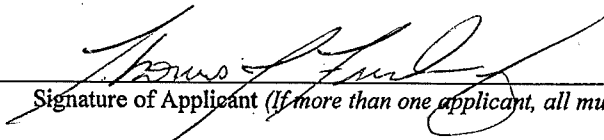
The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

### 9. SIGNATURE

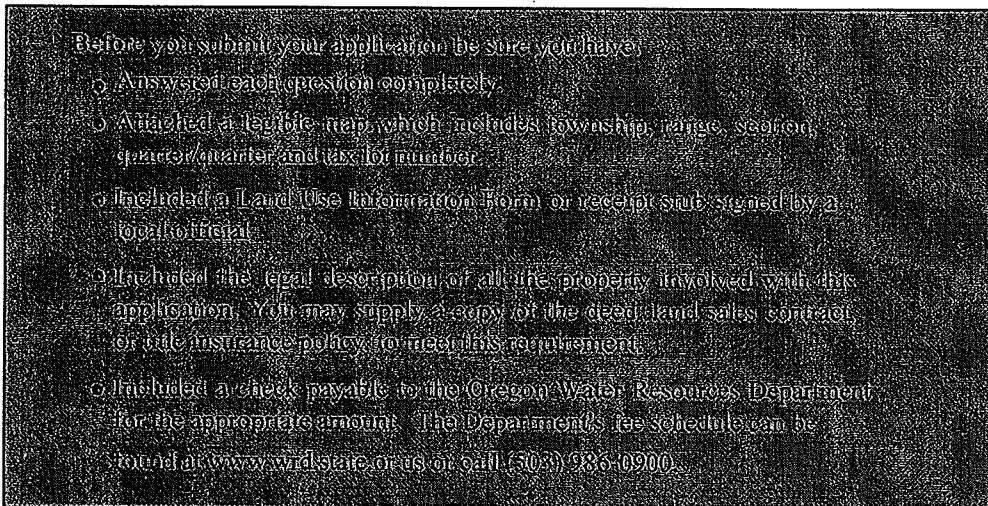
By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water right holders to get water to which they are entitled.

I swear that all information provided in this application is true and correct to the best of my knowledge:

  
Signature of Applicant (If more than one applicant, all must sign.)

3/19/10  
Date



**WRD on the web:**  
[www.wrd.state.or.us](http://www.wrd.state.or.us)

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