



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

Application for Limited Water Use License

JUN 16 2017

SALEM, OR

License No.: LL1708

Applicant Information

NAME <u>KENNETH A. BAKER</u>		PHONE (HM) <u>503 266 1233</u>	
PHONE (WK) —	CELL. <u>503 407 2751</u>	FAX —	
ADDRESS <u>26748 S. Elba Rd.</u>			
CITY <u>Canby</u>	STATE <u>OR</u>	ZIP <u>97013</u>	E-MAIL * <u>Kbak@Canby.com</u>

Agent Information

NAME		PHONE	FAX
ADDRESS		CELL.	
CITY	STATE	ZIP	E-MAIL *

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I (We) make application for a Limited License to use or store the following described surface waters or groundwater – not otherwise exempt, or to use stored water of for a use of a short-term or fixed-duration:

- SOURCE(S) OF WATER:** Well a tributary of _____
- AMOUNT OF WATER** to be diverted;
 Maximum and instantaneous rate (cubic feet or gallons per minute): 30 Gallons per Minute
 Total volume (gallons or acre-feet): 13,000 GALLONS. If water is to be used from more than one source, give the quantity from each: per year
- INTENDED USE(S) OF WATER:** (check all that apply)
 - Road construction or maintenance
 - General construction
 - Forestland and rangeland management; or
 - Other: HAZELNUT trees - 1300 trees; 10 GAL each tree/yr.
- DESCRIPTION OF PROPOSED PROJECT:** Include a description of the place of use as shown on the accompanying site map, the method of water diversion, the type of equipment to be used (including pump horsepower, if applicable), length and dimensions of supply ditches and pipelines:
~~7 ACRES~~ 7 Acres new trees planted 20ft = 1300 trees
Using 500 gallon water tank to transport water to trees.
- PROJECT SCHEDULE:** (List day, month, and year)
 Date water use will begin: 7/1/17
 Date water use will be completed: 7/1/22
 Months of the year water would be diverted and used: July - August
 If for other than irrigation from stored water, how and where will water be discharged after use:

K. Baker
 Applicant Signature

KENNETH A. Baker 6/12/17
 Print Name and title if applicable Date

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PLEASE READ CAREFULLY

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NOTE: A completed water availability statement from the local watermaster, Land Use Information Form completed by the local Planning Department, fees and site map meeting the requirements of OAR 690-340-030 must accompany this request. The fee for this request is **\$280** for the first point of diversion plus **\$30** for each additional point of diversion. Please review the Department's fee schedule to view fees required to request a limited license for Aquifer Storage and Recovery testing purposes or for Artificial Groundwater Recharge testing purposes.

Failure to provide any of the required information will result in return of your application. The license, if granted, will not be issued or replaced by a new license for a period of more than five consecutive years. The license, if granted, will be subordinate to all other authorized uses that rely upon the same source, or water affected by the source, and may be revoked at any time it is determined the use causes injury to any other water right or minimum perennial streamflow.

If water source is well, well logs or adequate information for the Department to determine aquifer, well depth, well seal and open interval, etc. are required. The licensee shall indicate the intended aquifer. If for multiple wells, each map location shall be clearly tied to a well log.

If a limited license is approved, the licensee shall give notice to the Department (Watermaster) at least 15 days in advance of using the water under the Limited License and shall maintain a record of use. The record of use shall include, but need not be limited to, an estimate of the amount of water used, the period of use and the categories of beneficial use to which the water is applied. During the period of the Limited License, the record of use shall be available for review by the Department upon request.

**A summary of review criteria and procedures that are generally applicable to these applications is available at: <http://www.oregon.gov/owrd/pages/pubs/forms.aspx>*

Mapping Requirements (OAR 690-340-0030):

- (1) A request for a limited license shall be submitted on a form provided by the Water Resources Department, and shall be accompanied by the following:
 - a. A site map of reproducible quality, drawn to a standard, even scale of not less than 2 inches = 1 mile, showing:
 - i. The locations of all proposed points of diversion referenced by coordinates or by bearing and distance to the nearest established or projected public land survey corner;
 - ii. The general course of the source for the proposed use, if applicable;
 - iii. Other topographical features such as roads, streams, railroads, etc., which may be helpful in locating the diversion points in the field.

REMARKS:

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For WRD Use Only

11-2708

This page to be completed by the local Watermaster.

WATER AVAILABILITY STATEMENT

Name of Applicant: Kenneth Baker Limited License Number: LL-1708

1. To your knowledge, has the stream or basin that is the source for this application ever been regulated for prior rights?

Yes No

If yes, please explain:

The Molalla River is regulated frequently to protect in-stream water rights.

2. Based on your observations, would there be water available in the quantity and at the times needed to supply the use proposed by this application?

Yes No

If PSI is found, water would not be available. If PSI is not found, then water availability would not be applicable as this application is for groundwater.

3. Do you observe this stream system during regular fieldwork?

Yes No

If yes, what are your observations for the stream?

In-stream water rights on the Molalla River are often not met, and regulation of junior users typically does not bring flows up to in-stream requirements.

4. If the source is a well and if WRD were to determine that there is the potential for substantial interference with nearby surface water sources, would there still be ground water and surface water available during the time requested and in the amount requested without injury to existing water rights?

Yes No N/A

What would you recommend for conditions on a limited license that may be issued approving this application?

5. Any other recommendations you would like to make?

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Signature  WM District #: 20 Date: 6/15/2017

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WATER AVAILABILITY STATEMENT

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Yes No

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2. Based on your observations, would there be water available in the quantity and at the times needed to supply the use proposed by this application?

Yes No

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Yes No

If yes, what are your observations for the stream?

4. If the source is a well and if WRD were to determine that there is the potential for substantial interference with nearby surface water sources, would there still be ground water and surface water available during the time requested and in the amount requested without injury to existing water rights?

Yes No N/A

What would you recommend for conditions on a limited license that may be issued approving this application?

5. Any other recommendations you would like to make?

Signature _____ WM District #: _____ Date: _____

LL-1708

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Astorberg Drilling, Inc.
15728 S. Kropf Rd.
Hobbsville, OR 97032

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WELL I.D. # L 101908

START CARD # 207110

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Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number _____
Name **Ken Baker**
Address **26748 S. Elisha Rd.**
City **Canby** State **OR** Zip **97013**

(2) TYPE OF WORK New Well
 Deepening Alteration (repair/recondition) Abandonment Conversion

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Other _____

(4) PROPOSED USE
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
Depth of Completed Well **150** ft.
Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
10"	0	48'	Bentonite	0	7.5'	6 Sacks
6"	48'	150'	Cement	7.5'	48'	33 Sacks

How was seal placed: Method A B C D E
 Other **Bentonite Placed Dry**

Backfill placed from _____ ft to _____ ft. Material _____
Gravel placed from **88** ft. to **150** ft. Size of gravel **8/12 CSS**

(6) CASING/LINER

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6"	+1	128'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 4"	87'	128'	CL200	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4"	149'	150'	CL200	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) **128'**

(7) PERFORATIONS/SCREENS
 Perforations Method **V-Wire**
 Screens Type _____ Material **Stainless**

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
128'	149'	.040		4"	PS	<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
40	41		4 hrs

Temperature of water **56** Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL (legal description) **SALEM, OR**
County **Clackamas**
Tax Lot **1700** Lot _____
Township **4** S Range **1** E WM
Section **13** SW 1/4 SW 1/4

Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) **26748 S. Elisha Rd.**
Canby, OR 97013

(10) STATIC WATER LEVEL
62' 9" ft. below land surface. Date **03/28/11**
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
129'	146'	40+	62' 9"

(12) WELL LOG Ground Elevation _____

Material	From	To	SWL
Topsoil	0	1	
Clay Brown	1	11	
Silt Brown	11	26	
Course Cobbles & Gravel w/ Brown Clay Binder	26	72	
Clay Brown	72	75	
Course Gravel w/Brown Clay Binder	75	92	
Gravel w/Clay Grey	92	117	
Clay Grey	117	129	
Sand Grey Black w/Layers of Clay and Wood	129	146	
Clay Grey	146	150	

Date Started **03/14/2011** Completed **03/28/2011**

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number _____ Date _____

Signed _____

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number **688** Date **04/11/2011**

Signed *Kevin M. Steinhilber*

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SEE MAP 4 IE 14

86-17

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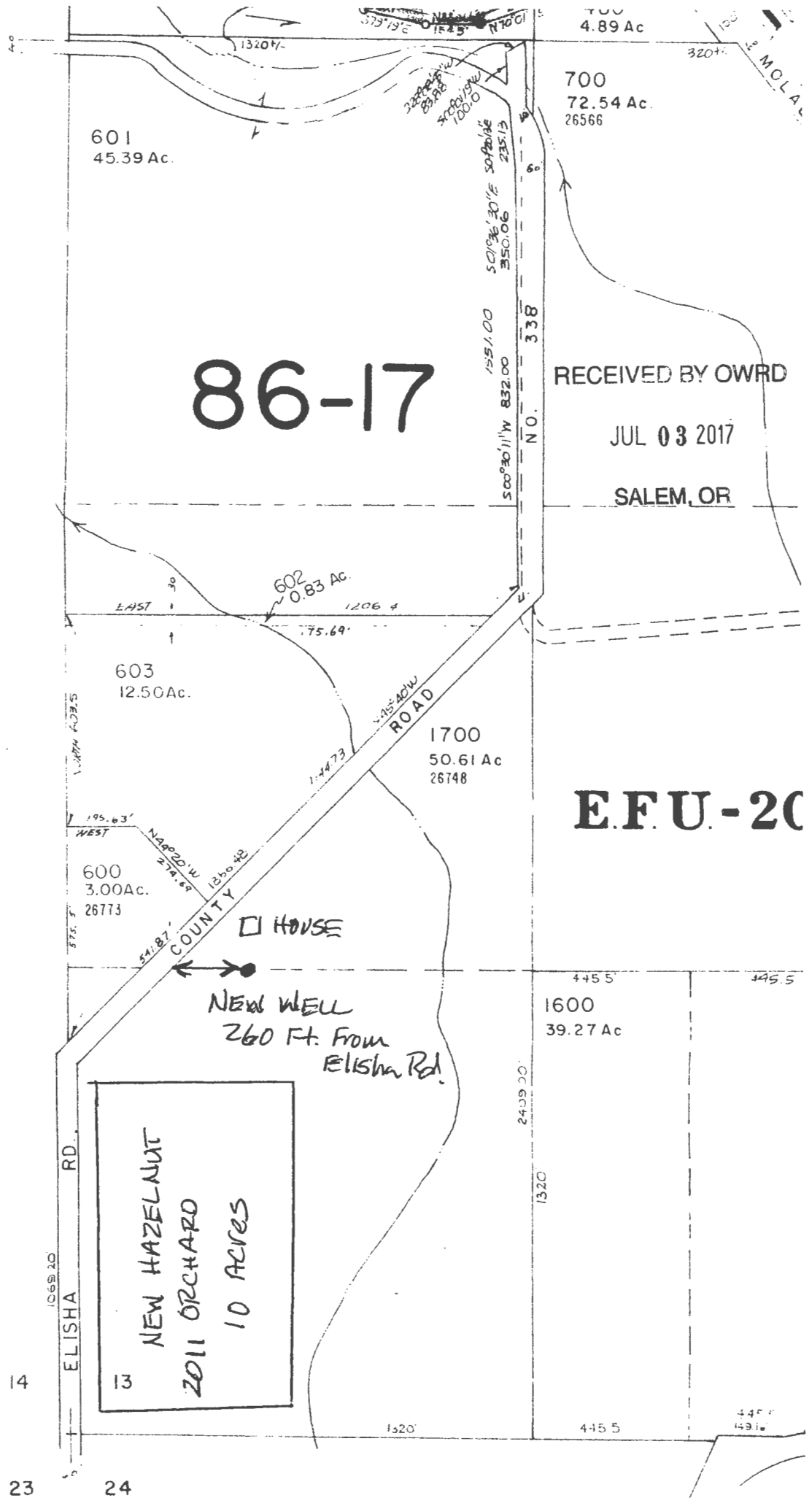
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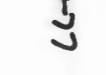
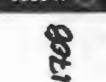
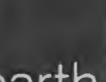
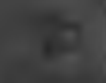
E.F.U.-20

WELL LOCATED
FROM SW CORNER
SECTION 13

1310 Ft. North
550 Ft. East

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26748 S Elisha Road

New well 2011

2017 Orchard North

2013 orchard Jeffs

2011 Orchard

2013 orchard Dorris

2017 Orchard South

2017 Google

Elisha Rd.

S-Macksburg-Rd

S-Molalla-Forest-Rd

Google earth

2000

Imagery Date: 7/24/2016 45°13'01.73" N 122°38'02.80" W elev 234 ft eye alt 3896 ft

004-177