

Application for a Permit to Use Groundwater



Oregon Water Resources Department
725 Summer Street NE, Suite A.
Salem, Oregon 97301-1266
503-986-0900
www.oregon.gov/OWRD

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

NAME BRYON JENSEN		PHONE (HM)	
PHONE (WK)	CELL 503.750.0750	FAX	
ADDRESS 1613 E 4 TH WAY			
CITY LA CENTER	STATE WA	ZIP 98629	E-MAIL* BANKERMAN1876@GMAIL.COM

Organization

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

Agent — The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME RICK PARSONS PARSONSWATER CONSULTING LLC		PHONE 541.499.0257	FAX
ADDRESS 1619 MINEAR RD			CELL 303.667.5067
CITY MEDFORD	STATE OR	ZIP 97501	E-MAIL* RICK.PARSONS@PARSONSWATER.COM

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the Department electronically. (Paper copies of the proposed and final order documents will also be mailed.)

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.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- 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 cancelled.
- 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 (we) affirm that the information contained in this application is true and accurate.

Applicant Signature

Print Name and Title if applicable

Date

Applicant Signature

Print Name and Title if applicable

Date

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SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

- ☒ YES, there are no encumbrances.
- ☐ YES, the land is encumbered by easements, rights of way, roads or other encumbrances.
- ☐ NO, I have a recorded easement or written authorization permitting access.
- ☐ NO, I do not currently have written authorization or easement permitting access.
- ☐ NO, 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 irrigation and/or domestic use only (ORS 274.040).
- ☐ NO, because water is to be diverted, conveyed, and/or used only on federal lands.

Affected Landowners: List the names and mailing addresses of all owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. *(Attach additional sheets if necessary).*

NA

Legal Description: 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. SEE ATTACHED DEED

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
WELL 1	BEAVER CREEK	1570'	45'

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials *(attach additional sheets if necessary).*

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SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-Feet)
WELL 1	☒	☐	COLU 55767	☐	6"	1.5' - 80'	11' - 211'	0' - 20'	43' 7/30/21	BASALT	211'	100 GPM	12 AF
			L142458										

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in Attachment 3 or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply:
https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

Is the well or proposed well located in an area where the Upper Columbia Rules apply?

☐ Yes ☒ No

If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the "Columbia River Basin Fish and Wildlife Program" adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements.

Lower Columbia - OAR 690-033-0220 thru -0230

Is the well or proposed well located in an area where the Lower Columbia rules apply?

☒ Yes ☐ No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as

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appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

If yes, you will be required to provide the following information, if applicable.

☐ Yes ☒ No The proposed use is for more than one cubic foot per second (448.8 gpm) and is not subject to the requirements of OAR 690, Division 86 (Water Management and Conservation Plans).

If yes, provide a description of the measures to be taken to assure reasonably efficient water use:

Statewide - OAR 690-033-0330 thru -0340

Is the well or proposed well located in an area where the Statewide rules apply?

☒ Yes ☐ No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine whether the proposed use will occur in an area where endangered, threatened or sensitive fish species are located. If so, the Water Resources Department, Department of Fish and Wildlife, Department of Environmental Quality, and the Department of Agriculture will recommend conditions required to achieve "no loss of essential habitat of threatened and endangered (T&E) fish species," or "no net loss of essential habitat of sensitive (S) fish species." If conditions cannot be identified that meet the standards of no loss of essential T E fish habitat or no net loss of essential S fish habitat, the agencies will recommend denial of the application unless they conclude that the proposed use would not harm the species.

SECTION 5: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
IRRIGATION	MAR 1 – OCT 31	4.0 AF
COMMERCIAL	JAN 1 – DEC 31	1.0 AF
STORAGE	JAN 1 – DEC 31	7.0 AF

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 5.0 Acres Supplemental: Acres

If you listed supplemental acres, list the Permit or Certificate number of the underlying primary water right(s):

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 3.0 AF

- If the use is municipal or quasi-municipal, attach Form M

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- If the use is **domestic**, indicate the number of households: NA (Exempt Uses: Please note that 15,000 gallons per day for single or group domestic purposes and 5,000 gallons per day for a single industrial or commercial purpose are exempt from permitting requirements.)
- If the use is **mining**, describe what is being mined and the method(s) of extraction (*attach additional sheets if necessary*): NA

SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

☒ Pump (give horsepower and type): 1 HP VARIABLE FREQUENCY DRIVE SUBMERSIBLE PUMP

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. PVC PIPE UNDERGROUND AND ABOVE GROUND CONVEYED TO CROPS VIA LATERALS WITH DRIP LINES

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) (*attach additional sheets if necessary*)
DRIP LINES

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters (*attach additional sheets if necessary*).

THE SYSTEM WILL USE DRIP EMITTERS AT EACH PLANT. IRRIGATION DELIVERY IS AUTOMATED WITH SPECIFIED IRRIGATION TIMES FOR EACH DRIP LINE. SYSTEM SET UP WILL MINIMIZE WATER LEAKS AND EFFECTS AWAY FROM CROPS

SECTION 7: PROJECT SCHEDULE

- Date construction will begin: DOMESTIC WELL DRILLED AUGUST 2021 WILL BE USED FOR PROPOSED WATER RIGHT AND ASSOCIATED USES
- Date construction will be completed: AUGUST 2021
- Date beneficial water use will begin: WITHIN ONE YEAR OF PERMIT ISSUANCE

SECTION 8: RESOURCE PROTECTION

In granting permission to use water the state encourages, and in some instances requires, careful control of activities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

☒ Water quality will be protected by preventing erosion and run-off of waste or chemical products.

Describe: EXCESS WATERING WILL BE MINIMAL VIA AUTOMATED DELIVERY SCHEDULE

☒ Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.

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Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.
Describe planned actions and additional permits required for project implementation: THERE ARE NO STREAMS NEAR WELLS OR IRRIGATED FIELDS THAT WILL BE DISTURBED

- ☐ Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: NA

SECTION 9: WITHIN A DISTRICT

- ☐ Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.

Irrigation District Name <u>NA</u>	Address	
City	State	Zip

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

Unnamed seasonal stream tributary to Beaver Creek flows through property. Surface right filed for separately will be used in conjunction with water right applied for herein to fill ponds on the property.

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

CDL 55707

8/10/2021

START CARD # 1053190
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. _____
First Name BRYON Last Name JENSEN
Company _____
Address 1613 E 4TH WAY
City LA CENTER State WA Zip 98629

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia. + From To Gauge Stil Plstc Wld Thrd
Material From To Amt sacks/lbs
Seal: _____

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other _____

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 211.00 ft. Special Standard ☐ (Attach copy)

BORE HOLE			SEAL			Amt	sacks/lbs
Dia	From	To	Material	From	To		
10	0	20	Bentonite Chips	0	20	11	S
6	20	211				Calculated	10
						Calculated	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☒ Other FOUR

Backfill placed from 20 ft. to 80 ft. Material BENT

Filter pack from _____ ft. to _____ ft. Material _____ Size: _____

Explosives used: ☐ Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount _____ Actual Amount _____

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stil	Plstc	Wld	Thrd
☒	6	☒	1.5	80	250	☒	☒	☒	☒
☐	4	☐	11	211	40	☐	☐	☐	☒
☐		☐				☐	☐	☐	☐
☐		☐				☐	☐	☐	☐
☐		☐				☐	☐	☐	☐
☐		☐				☐	☐	☐	☐
☐		☐				☐	☐	☐	☐

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 80

Temp casing ☐ Yes Dia _____ From + _____ To _____

(7) PERFORATIONS/SCREENS

Screens Type		Material					
Perf	Casing/Screen	Screen Liner	Dia	From	To	Slot width	Slot length
Perf	Liner	4	11	211	25	6	40

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

150		200	1

Temperature 42 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) TDS amount 46 ppm

From To Description Amount Units

(9) LOCATION OF WELL (legal description)

County COLUMBIA Twp 7.00 N N/S Range 3.00 W E/W WM

Sec 16 NE 1/4 of the NW 1/4 Tax Lot 300

Tax Map Number _____ Lot _____

Lat _____ or 46.09592333 DMS or DD

Long _____ or -123.06629446 DMS or DD

☐ Street address of well ☒ Nearest address

NEXT TO: 34268 HWY 30, CLATSkanie OR

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL(psi)	+ SWL(ft)
Completed Well	<u>7/30/2021</u>		<u>43</u>
Flowing Artesian?	☐	Dry Hole?	☐

WATER BEARING ZONES

Depth water was first found 200.00

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
<u>7/30/2021</u>	<u>200</u>	<u>211</u>	<u>150</u>		<u>43</u>

(11) WELL LOG

Ground Elevation _____

Material	From	To
tan clay	0	15
brn claystone	15	30
brn sandstone w/light brn layers	30	50
white seams claystone in brn claystone	50	70
brn gray basalt soft	70	111
gray & blue claystone	111	115
brn & yellow clay stone	115	118
gray basalt w/ green seams	118	130
gray basalt w/ brn seams	130	160
black basalt	160	165
gray & brn basalt	165	170
black basalt w/ green seams	170	185
gray brn siltstone	185	190
blu gray sandstone	190	200
black basalt	200	211

Date Started 7/28/2021

Completed 7/31/2021

(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.

License Number 1975

Date 8/4/2021

Signed AARON MORLEY (E-filed)

(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.

License Number 1480

Date 8/10/2021

Signed ARTHUR McMULLEN (E-filed)

Contact Info (optional) 503 397 2356

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

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5:08



AA

mail.google.com



Primary



Hi Rick,

OWRD has received and accepted the e-application for **Bryon Jensen**. The temporary application number is: **JF-21**

Please print this email and include a copy of it when mailing in the payment. The fees due for this application are: **\$2,800.00** (If opting to include recording fee: **\$3,410.00**)

A copy of the fee calculator is attached for your reference.

Once the payment has been received, OWRD will assign an application number and priority date.

Thanks,

Judy



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Primary



Judy Ferrell | Customer Service Representative Water
Right Services Division

Water Resources Department | 725 Summer St. NE, Suite A | Salem,
Oregon 97301

Ph: 503 986-0810 | Email: judith.a.ferrell@oregon.gov

Customer Service Line 503-991-3424

Integrity | Service | Technical Excellence | Teamwork | Forward-
Looking



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